



**Mastering Sustainable
Surface Chemistry**

eCatalogue for Aerospace & Defense

www.turco-spain.com

OUR PROPOSAL FOR YOU



**Mastering Aerospace
Surface Treatment
since 1962**



**Sustainable Chemistry
for a Greener future**



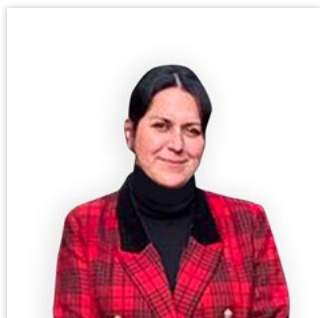
**Tailored Solutions
for every Customer's
Unique Needs**



**Family-owned
Business for an agile
and faster decisions**



Welcome to the **TURCO SPAIN** Family



Nieves Vilaplana
General Manager, Customer
Support Service Director & CEO



Rafael Vilaplana
Business Development
Director & CEO



Jose Maria Ragues
Technical Support Service
Director

Since 1962, **TURCO SPAIN** has been mastering and developing sustainable specialty chemicals for Aerospace Surface Treatment, helping partners like you achieve outstanding results in critical projects.

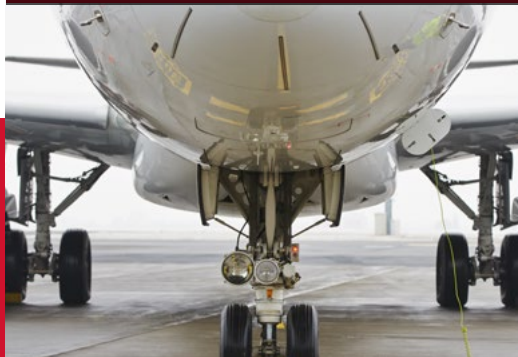
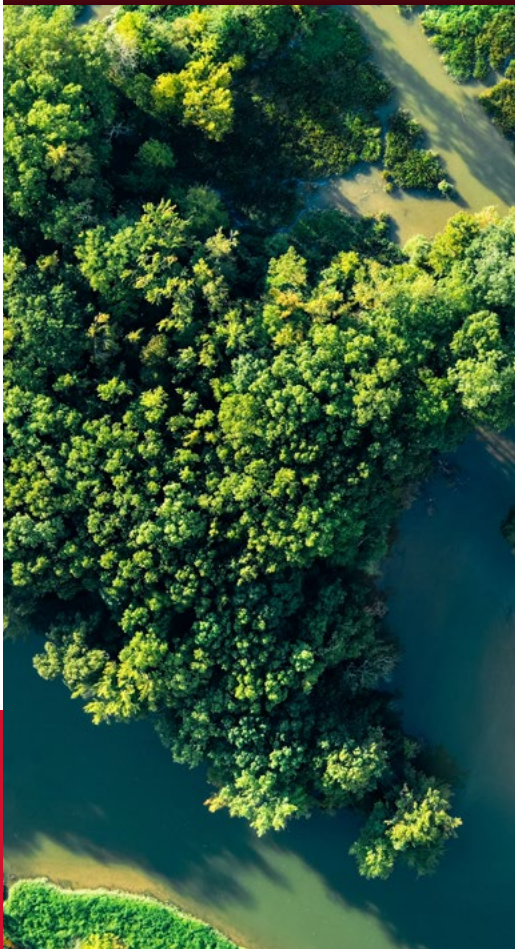
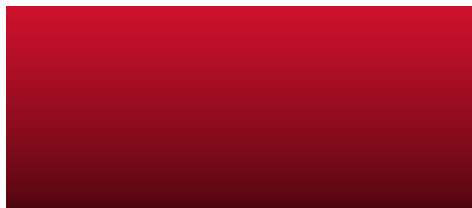
As a Family-owned business, we focus on your success. We offer tailored solutions with agility, making fast decisions to meet your unique needs. With over six decades of expertise, we blend tradition and innovation to provide cutting-edge, sustainable solutions that drive the industry forward.

We look forward to partnering with you to build a better, more sustainable future.

Thank you for choosing **TURCO SPAIN**—let's soar together!



INDEX





Our Aerospace Approvals



Our products meet over 2,000 different Approvals and Specifications from Worldwide OEM & MRO



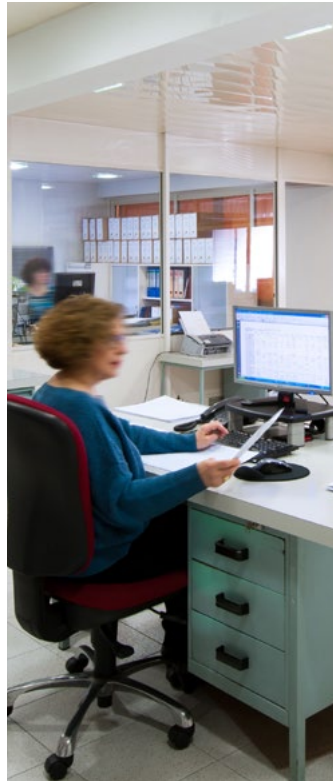
Mastering Sustainable Surface Chemistry

Our Sustainability Certificates





ABOUT US



WHO WE ARE

At **TURCO SPAIN**, we have been mastering the science of manufacturing and developing sustainable specialty chemicals since 1962. From our EN 9100, Airbus and Boeing Approved Plant in Barcelona, we develop innovative solutions aligned with over 2,000 global Approvals, trusted by leading OEMs and MROs worldwide.

Our roots go back to 1927 in California, where **TURCO PRODUCTS INC.** first led the way in aircraft chemical products. In 1962, **TURCO SPAIN** was born as a Unique Joint Venture, blending local expertise with global strength. Since transitioning into a Family-owned business under Rafael Vilaplana Valverde in the 1980s, we have embraced agility and personalized service, providing eco-friendly solutions that meet the demands of a changing world.

OUR MISSION

As a Family-owned Business, we master and develop sustainable specialty chemicals for Aerospace & Defense, ensuring personalized service to our Customers





OUR VALUES



Expertise

Decades of Mastery, Trusted Worldwide

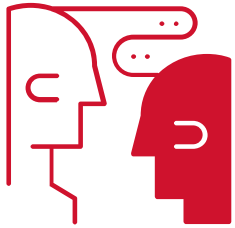
With over 60 years of experience, we deliver cutting-edge chemical solutions like chemical milling maskants and advanced cleaning products, ensuring the performance, safety, and reliability that the aerospace industry demands.



People & Planet Innovation

Sustainability Driving Innovation

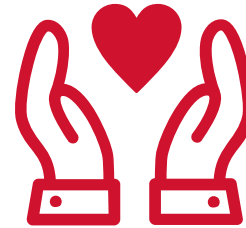
We develop eco-friendly, high-performance chemicals that benefit People and the Planet. Our solutions help clients achieve their environmental goals while maintaining the highest standards in safety and performance.



Customer-1st Approach

Tailored Solutions, Built on Trust

At **TURCO SPAIN**, our customers are at the heart of everything we do. We offer flexible, tailored solutions, backed by our agility as a family-owned business, ensuring that we deliver on our promises and exceed expectations.



Empathy

Understanding Your Needs, Delivering Success

We believe in truly understanding our customers' challenges. Through personalized service and tailored support, we make sure our customer service and technical support are always available to help you succeed.



OUR PROPOSAL



**Mastering Aerospace
Surface Treatment
since 1962**



**Sustainable Chemistry
for a Greener future**



**Tailored Solutions
for Every Customer's
Unique Needs**



**Family-Owned Business
for Agile and Faster
Decisions**



Mastering Aerospace Surface Treatment since 1962



APPROVALS AND SPECIFICATIONS

Our products meet the strictest aerospace standards, earning certifications like EN 9100 and ISO 14001. With over 2,000 global approvals, our chemicals are trusted by leading OEMs and MROs, ensuring safety and performance in critical aerospace applications.

TURCO HERITAGE

Our products meet the strictest aerospace standards, earning certifications like EN 9100 and ISO 14001. With over 2,000 global approvals, our chemicals are trusted by leading OEMs and MROs, ensuring safety and performance in critical aerospace applications.

62 YEARS OF EXPERIENCE

Our decades of expertise give us deep insights into the evolving needs of the aerospace industry. We combine innovation and tradition, consistently delivering cutting-edge solutions that address complex aerospace surface treatment challenges.

INNOVATION LEGACY

At TURCO SPAIN, continuous innovation drives us. Through our investment in R&D, we develop advanced chemical solutions like chemical milling maskants, solving complex surface treatment problems and ensuring the integrity and safety of aerospace components.





Sustainable Chemistry for a Greener Future



APPROVALS AND COMPLIANCE

Our streamlined approval processes, combined with a focus on sustainability, ensure that our products meet the highest industry standards while complying with global environmental regulations. We deliver sustainable solutions that are both safe and reliable.

RESOURCE MANAGEMENT

We are committed to efficient resource use. By optimizing manpower, materials, and energy, we minimize waste and ensure our operations are as eco-friendly as they are productive, delivering sustainable value to our customers.

SUSTAINABLE PRODUCT DEVELOPMENT

TURCO SPAIN focuses on creating eco-friendly chemicals using sustainable materials. We take a lifecycle approach, designing products for recyclability and energy efficiency, helping our customers reduce their environmental impact while maintaining high performance.



DIGITAL TRANSFORMATION

By integrating AI, IoT, and cloud technology, we enhance operational efficiency and reduce our environmental footprint. Our digital transformation allows us to continually deliver sustainable innovations that benefit both our customers and the planet.



Tailored Solutions for Every Customer's Unique Needs



FLEXIBILITY

At **TURCO SPAIN**, we specialize in offering tailored solutions that meet your unique needs. We adapt quickly to your requirements, ensuring that every solution is designed to optimize performance and deliver results on your terms.

TAILOR MADE

Our expertise allows us to create custom chemical formulations that fit your specific aerospace surface treatment needs. By understanding your challenges, we provide solutions that maximize efficiency and effectiveness.

AVAILABILITY

We maintain a reliable supply chain, ensuring that the products you need are always available. With quick access to critical chemicals, we reduce lead times and keep your operations running smoothly.

RESPONSIVE

We pride ourselves on being quick and proactive in addressing your needs. Whether it's providing solutions or resolving challenges, our customer-first approach ensures that you receive support exactly when you need it, keeping your projects on track.





Family-Owned Business for Agile and Faster Decisions



LONG-TERM ORIENTATION

As a family-owned business, we focus on long-term partnerships. Our commitment to sustainability and growth ensures that our solutions support your success for years to come, fostering relationships built on mutual trust.

STRONG CORPORATE VALUES

Our family values guide everything we do. With a culture based on tradition, integrity, and a customer-centric approach, we ensure that every interaction reflects our commitment to your success.

FLEXIBILITY & AGILITY

We make quick decisions without the bureaucracy of larger corporations, allowing us to respond swiftly to your needs. Our agility ensures that your projects stay on track, no matter how complex or urgent.

EMPLOYEE LOYALTY

At TURCO SPAIN, we foster a family-like environment where our team is motivated and loyal. This dedication leads to exceptional service for our clients, as our employees are deeply committed to your success.



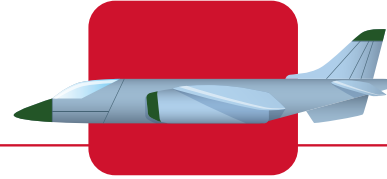


WHOM DO WE SELL?

Sectors we serve



Civilian



Military



Engines

Markets we serve

OEM

- Aircraft
- Equipment
- Engines

MRO

- Aircraft
- Equipment
- Engines

Customers we serve

- Aircraft original manufacturers
- Aero-structures, detailed & metallic parts manufacturers
- Defense contractors
- Engine & Turbine manufacturers
- Equipment suppliers
- Commercial Airlines
- Paintshops
- Maintenance hubs
- Engine service centers
- Fleet management companies

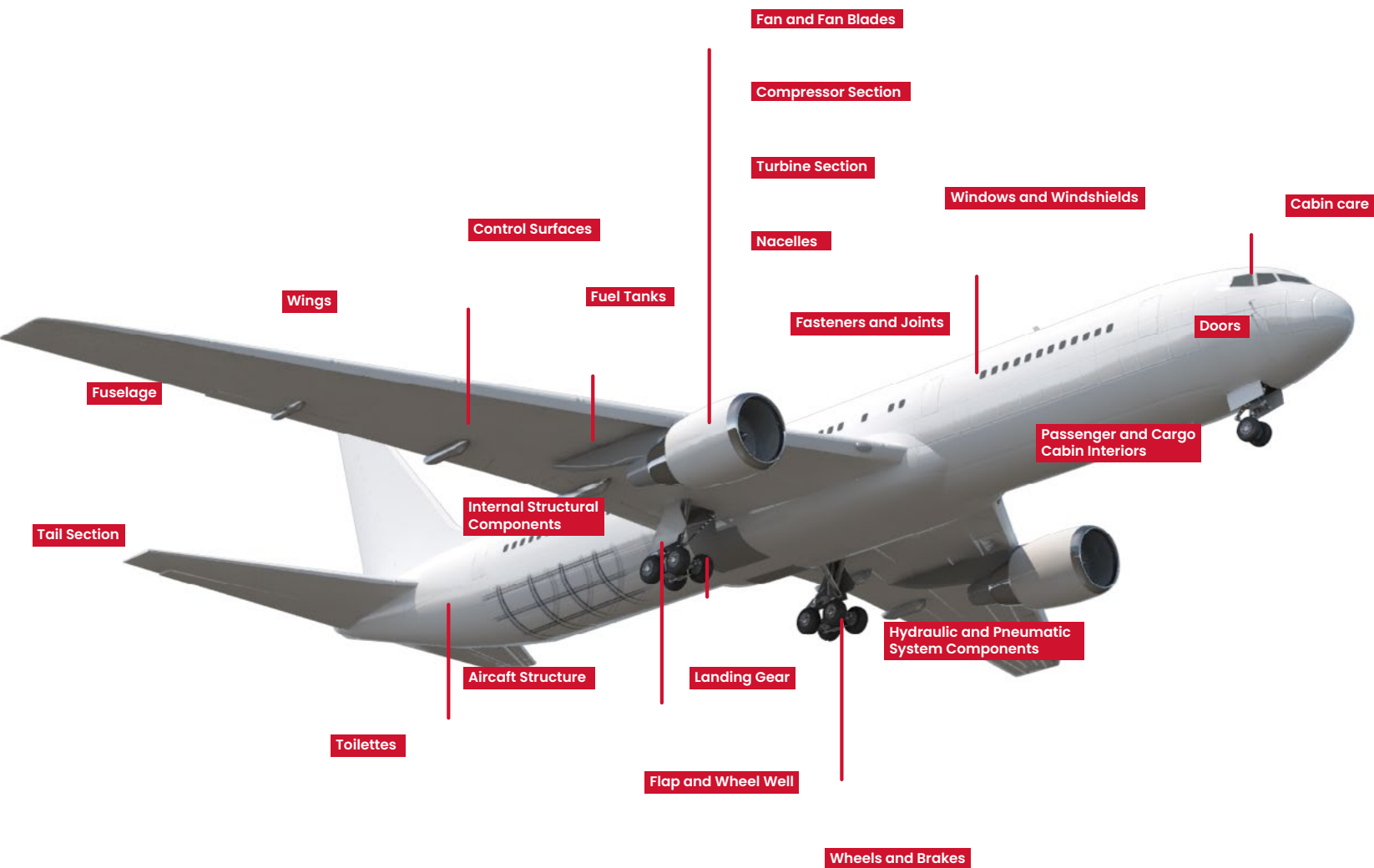


OUR PRODUCT LINES

- Free from VOC solvents
- Low VOC solvents
- Solvent based cleaners & degreasers
- Water based cleaners & degreasers
- Etchants
- Deoxidizers
- 100% solids Chemical Milling Maskants
- Water based Chemical Milling Maskants
- Solvent based Chemical Milling Maskants
- Line Sealers
- Conversion Coatings
- Corrosion Protective Coatings
- Temporary Protective Coatings
- Exterior & Interior Cleaners
- Paint Strippers
- Adhesion Promoters
- Brighteners & Polishers
- Descalers & Conditioners
- Permanganate Conditioners
- Oxide Descalers
- Scaler Removers
- Rust Removers
- Wax Removers
- Rust Protectors
- In place & Compressor Cleaners
- Engine Cleaners
- Decarbonizers
- Disinfectants
- Cabin Care Cleaners
- WC Cleaners
- Landing Gear Cleaners
- Flap & Wheel Well Cleaners



OUR PRODUCT LINES



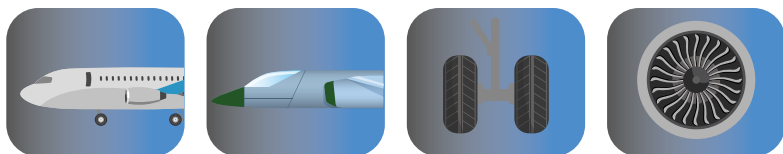


OUR PRODUCTS

Solution Lines

OEM

MRO

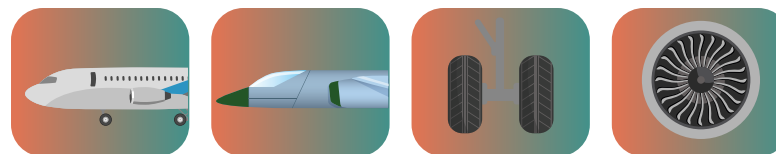


Commercial Aircraft

Military Aircraft

Equipment

Engine



Commercial Aircraft

Military Aircraft

Equipment

Engine



OEM



Our Solutions for Aerospace & Defense OEM





TURCO 4460

Solvent based Cleaners & Degreasers

PACKAGES

- Liquid
- 20 L JERRY
- 25 L JERRY CAN
- 200 L DRUM
- 1000 L IBC



20L. 25L.



200L.



1000L.

DESCRIPTION

White solvent based cleaner and degreaser formulated to replace methyl ethyl ketone and other similar solvents that are environmentally unacceptable due to their high vapor pressure

Used as a specific solvent for cleaning metallic surfaces prior to application of sealants

Used for cleaning bearings, Instruments and electronic Components

Used for hand wipe cleaning of metal surfaces prior painting and bonding

APPROVALS & SPECIFICATIONS

AIRBUS I+D-N-23
AIRBUS A-A-59281 TYPE I
AIRBUS I+D-P-062
AMS 1525
BOEING BAC 5750
BOEING BMS 11-7B
BOEING BMS 11-7E
BOEING BMS 11-7G

BENEFITS

- **Free** from chlorinated solvents
- **Free** from xylene
- Costs and hazards normally associated to chlorinated solvent cleaner are greatly reduced
- Low VOC
- Low flash point
- Fast and safe drying speed
- Due to its low operating temperature, greatly reduces energy and costs
- Controlled evaporation, leaves no residues
- Excellent solvency for oily soils and paint residues

APPLICATIONS

- Immersion
- Spraying
- Wiping
- Brushing
- Room temperature

SURFACES

- All metals and its alloys
- Composites

CHEMISTRY

- Liquid
- Neutral
- Solvent based



TURCO PD 680 Type I

Solvent based Cleaners & Degreasers

PACKAGES

- Liquid
- 20 L DRUM
- 50 L DRUM



20L.

50L.

DESCRIPTION

Clear solvent based cleaner with sweet odor formulated to replace and improve the white spirits for dry cleaning

Used for oil cooler cleaning according to Pratt & Whitney Standard Practices Manual

Used during metal pre-treatment

Used for cleaning aircraft components

APPROVALS & SPECIFICATIONS

MIL-PRF-680 Type I
BOEING BAC 5750
BOEING BMS 5750
BOEING BMS 15-5 Class A
BOEING BMS 15-5 Class B
PRATT & WHITNEY SPM

BENEFITS

- **Free** from chlorinated solvents
- **Free** from toluene and xylene
- Low VOC
- Costs and hazards normally associated to chlorinated solvent cleaner are greatly reduced
- Due to its low operating temperature, greatly reduces energy and costs
- Fast and safe drying speed
- Controlled evaporation, leaves no residues
- Excellent solvency for oily soils and paint residues
- Improvement over white spirits for dry cleaning

APPLICATIONS

- Immersion
- Spraying
- Wiping
- Brushing
- Room temperature

SURFACES

- All metals and its alloys
- Composites

CHEMISTRY

- Liquid
- Neutral
- Solvent based



TURCO IND 79

Solvent based Cleaners & Degreasers

PACKAGES

- Liquid
- 25 L JERRY
- 200 L DRUM



25L.



200L.

DESCRIPTION

Clear solvent based cleaner and degreaser with sweet odor formulated to replace and improve white spirits for dry cleaning

Used during metal pre-treatment

Used for cleaning aircraft components and mechanical parts

Used for cleaning garages and repair shops

APPROVALS & SPECIFICATIONS

MIL-PRF-680 Type II
AIR 086
CFM CP 2560
GENERAL ELECTRIC C04-225
(70-80-30)
SNECMA DMR 70-205
TURBOMECA CCT LA714
TURBOMECA CCT LA716

BENEFITS

- **Free** from chlorinated solvents
- **Free** from toluene and xylene
- Cost and hazards normally associated to chlorinated solvent cleaners are greatly reduced
- Low VOC
- Slow and safe drying speed
- Due to its low operating temperature, greatly reduces energy and costs
- Controlled evaporation, leaves no residues
- Improvement over white spirits for dry cleaning

APPLICATIONS

- Immersion
- Spraying
- Wiping
- Brushing
- Room temperature

SURFACES

- All metals and its alloys
- Rubber
- Plastics
- Good quality paints
- Composites

CHEMISTRY

- Liquid
- Neutral
- Solvent based



TURCO 4215 NC LT

Water based Cleaners & Degreasers

PACKAGES

- Powder
- 25 Kg sacco

DESCRIPTION

White granual mixture alkaline cleaner and degreaser formulated for cleaning ferrous and non ferrous alloys

Used due to his low alkalinity for critical cleanings of fuel and hydraulic components

Used during metal pre-treatment and prior to metal bonding

APPROVALS & SPECIFICATIONS

AIRBUS CML 11-024
AIBUS I+D-N 23
AIRBUS A-A-59281 Type I
BAE ABP 8-1290 (Iss.4)
BOEING BAC 5749
BOMBARDIER MPS 180-1
CFM CP 2345
DOUGLAS DPM 2776-5
FOKKER FK
GENERAL ELECTRIC C14-068
LOCKHEED 32.0104
LOCKHEED 32.2089
ROCKWELL LBO-210-114
ROLLS ROYCE CSS204
SMI 881001 (ASTM F945)
SNECMA DMP 13-032
SNECMA DMR 70-113
TURBO MECA CCT APPROVED
TURBO MECA CCT LB540
NE40-308
CASA Z-23201

BENEFITS

- **Free** from silicates, chromates and phenols due to its low operating temperature, greatly reduces energy and costs
- Readily soluble in water
- Leaves water break free surfaces
- Easy to control by simple titration
- Does not foam at recommended concentrations and temeperature
- It has sequestering properties of water hardness, providing optimal action even in extreme and harsh conditions
- Easy rinsing

APPLICATIONS

- Immersion
- Spraying
- 45°C – 55°C

SURFACES

- Aluminum and its alloys
- Steel and its alloys
- Plated metals
- Copper and its alloys
- Composites

CHEMISTRY

- Powder
- Alkaline
- Solid based



TURCO 6849

Water based Cleaners & Degreasers

PACKAGES

- Liquid
- 20L JERRY CAN
- 25L JERRY
- 200L DRUM
- 1000 L IBC



20L. 25L.



200L.



1000L.

DESCRIPTION

Clear and alkaline water based cleaner and degreaser formulated to remove shop soils, marking inks, cosmoline, grease and lube oils from ferrous and non-ferrous alloys

Used for replacing solvent type vapor degreasing fluids, such as trichloroethylene and perchloroethylene with an effective aqueous cleaner

APPROVALS & SPECIFICATIONS

AIRBUS I+D-N-23
AMS 4916
ANACON 37341 (BSS 7219)
ANACON 9642 (ASTM F-945)
BFGOODRICH ML20044
BOEING BAC 5763 TYPE II
BOEING D6-17487
BOEING BAC 5763 12.2.1
MCL 15003-6 (ASTM F-519)
SMI 9412027-R (ASTM F-945)
NE40-308
AIRBUS I+D P072

BENEFITS

- **Free** from boron salts
- **Free** from chromate, chlorides and phenols
- Costs and hazards normally associated with chlorinated solvent cleaners are greatly reduced
- Leaves water break free surfaces
- Offers both, exceptional effectiveness and exceptional tank life

APPLICATIONS

- Immersion
- 55°C – 70°C

SURFACES

- Aluminum and its alloys
- Titanium and its alloys
- Steel and its alloys
- Stainless steel and its alloys
- Copper and its alloys
- Plated metals
- Magnesium and its alloys

CHEMISTRY

- Liquid
- Alkaline
- Water based



AM DEGREASER 1400 B ECO

Water based Cleaners & Degreasers

PACKAGES

- Powder
- 25 Kg sacco

DESCRIPTION

Powdery, granular and alkaline cleaner and degreaser formulated to degrease metal surfaces

Used on hydraulic components of fuel and oils

Used for critical cleanings

APPROVALS & SPECIFICATIONS

AMS 4911
AMS 4916

BENEFITS

- **Free** from boron salts
- **Free** from silicates, chromates and phenols
- The total absence of chromates ensures easy removal of the solutions without ecological deterioration or spillage difficulties
- Due to its low operating temperature greatly reduces energy and costs
- Readily soluble in water
- Leaves water break free surfaces
- Easy to control by simple titration
- Does not foam at recommended concentrations and temperatures
- It has sequestering properties of water hardness, providing optimal action even in extreme conditions

APPLICATIONS

- Immerion
- Sprinkling
- 45°C – 55°C

SURFACES

- Aluminum and its alloys
- Electrodeposited metals
- Steel and its alloys
- Copper and its alloys
- Composites

CHEMISTRY

- Powder
- Alkaline
- Water based



TURCO LIQUID SPRAYEZE NP LTB ECO

Water based Cleaners & Degreasers

PACKAGES

- Liquid
- 20 L JERRY CAN
- 25 L JERRY CAN
- 200 L DRUM
- 1000 L IBC

DESCRIPTION

Straw coloured alkaline water based cleaner formulated to remove shop soils, lube oils, light drawing oils and drawing waxes from ferrous, aluminum, copper, titanium, magnesium, zinc, cadmium and their respective alloys

Used for pre-cleaning metals prior to phosphating and painting

Used on well bonded paints

APPROVALS & SPECIFICATIONS

ANACON 9642 (ASTM F-945)	PRATT & WHITNEY SPMC 113
AMS 4911	PRATT & WHITNEY SPMC 171
AMS 4916	(SPS 171-1 &-2 SPOP 209)
ARP 1755B	PRATT & WHITNEY SPMC
ASTM F-519 (Type I)	171-1
BF GOODRICH ML21127	PRATT & WHITNEY SPMC
CFM CP 2565	171-2 (SPOP 209)
CFM CP 2580	ROLLS ROYCE OMAT 1/24M
GENERAL ELECTRIC C04-184	ROLLS ROYCE OMAT 1/24P
GENERAL ELECTRIC C04-193	SMI 9406011 ARP 1755B
(70-80-30)	SMI 9503070 ARP 1755B
IAE APPROVED	SNECMA DMP 13-200
PRATT & WHITNEY PMC 1434	SNECMA DMR 70-603
PRATT & WHITNEY PMC 1434	
(Rev.B)	
PRATT & WHITNEY PMC	
1434-1 (PMC 1434 Rev. A)	
PRATT & WHITNEY PWA	
36603	
PRATT & WHITNEY PWA	
36604	

BENEFITS

- **Free** from caustic and phosphates
- Contains less than 1 ppm lead, silver, zinc, tin, copper and cadmium
- Contains less than 50 ppm halogens
- Used at low concentrations
- Free rinsing from parts with room temperature water
- Does not streak or stain aluminum
- Does not crack or craze plexiglas
- Solution is controlled by simple titration

APPLICATIONS

- Immersion
- Spraying
- 32°C – 88°C

SURFACES

- Aluminum and its alloys
- Titanium and its alloys
- Copper and its alloys
- Zinc and its alloys
- Cadmium and its alloys
- Ferrous metals

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO 5948 DPM

Water based Cleaners & Degreasers

PACKAGES

- Liquid
- 25 L JERRICAN
- 25 L JERRY
- 200 L DRUM
- 1000 L IBC



25L.



200L.



1000L.

DESCRIPTION

Blue and alkaline water based cleaner and degreaser formulated to effectively clean painted and unpainted aircraft exterior and interior surfaces

Used for removing jet soils, such as synthetic oil films, grease, carbon and exhaust residues from aircraft exterior surfaces, landing gears, wheel wells and flaps

Ideally suited for use on all models of jet aircraft, specially in baggage bins, flaps and wheel well areas

Used for parts cleaning

Used on well bonded paints

APPROVALS & SPECIFICATIONS

AIR 050	ROLLS ROYCE CSS204
AMS 1530 (B)	ROLLS ROYCE OMAT 1/24K
AMS 1550	ROLLS ROYCE OMAT 1/24P
CFM CP 2470	ROLLS ROYCE OMAT
CFM CP 2565	ROLLS ROYCE OMAT 1/264
DOUGLAS C.S.D #1	SNECMA DMP 13-032
GENERAL ELECTRIC C04-184	SNECMA DMR 70-157
GENERAL ELECTRIC C04-208 (70-80-30)	TURBOMECA CCT LB540
IAE APPROVED	PRATT & WHITNEY SPMC 109
PRATT & WHITNEY PMC 1414 (SPOP 1,18,201,208,209)	(SPOP 1)
PRATT & WHITNEY SPMC 105(SPOP 1, 18, 201,208,209)	SMI 910326 (ASTM F-519)
PRATT & WHITNEY SPMC 113	SMI 910367 (CSD #1)
	SMI 9207014 (AMS 1533A)
	SNECMA DMR 70-157

BENEFITS

- **Free** from boron salts
- **Free** from phosphates, chromates and phenols
- Room temperature for exterior and interior cleaning, reducing energy and costs
- Non flammable
- Readily soluble in water
- Does not stain or streak aluminum
- Does not crack or craze plexiglas
- Restores paint luster
- Easy rinsing
- Pleasant and refreshing odor
- Does not attack asphalt ramps

APPLICATIONS

- Immersion
- 65°C – 80°C when cleaning metallic parts
- Room temperature for exterior and interior cleaning

SURFACES

- All metals and its alloys
- Composites

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO ALUMINETCH 2

Etchants

PACKAGES

- Powder
- 25 kg sacco
- 25 Kg DRUM
- 210 L DRUM



25Kg

210L.

DESCRIPTION

White, granular mixture cleaner and etchant formulated to clean light soiling and etch aluminum

Used, due to its low surface tension, to produce a uniform wetting of the metal surface and to produce a smooth matte on extrusions, structural shapes, aircraft components, truck bodies and similar aluminum parts

Used during metal pre-treatment

APPROVALS & SPECIFICATIONS

AIRBUS 80-T-35-0110 AB
Bremen
AIRBUS AIPI TSA
AIRBUS I+D-N 23
AIRBUS I+D P 072
BOEING BAC 5786
ROCKWELL RAO-603-005
ROCKWELL STO-603-RA-0007
603-RA-0007
ROCKWELL STO-610-RA-0038
610-RA-0038

BENEFITS

- Non flammable
- Readily soluble in water at recommended dilutions
- Easily to control by simple titration
- Produces minimal amount of soft, non-caking sludge
- Produces uniform etch rates from 0.2 to 0.25 mils/minute on most aluminum alloys

APPLICATIONS

- Immersion
- 50°C – 70°C

SURFACES

- Aluminum and its alloys
- Composites

CHEMISTRY

- Powder
- Alkaline
- Solid base



TURCO 5578 GL

Etchants

PACKAGES

- Liquid
- 25 L JERRY
- 200 L DRUM



25L.



200L.

DESCRIPTION

Liquid and alkaline etchant formulated specifically for alkaline etching of titanium, columbium, tantalum and their respective alloys

Used for etching prior to adhesive bonding, diffusion bonding, painting, welding and brazing

APPROVALS & SPECIFICATIONS

AMS 1379
DOUGLAS DPM 5328
GENERAL ELECTRIC S-421
SNECMA DMP 13-037
SNECMA DMR 70-125 (J)
SNECMA DMR 70-257

BENEFITS

- Non flammable
- Readily soluble in water at recommended concentrations
- Readily rinses from metal with water
- Does not require post neutralization rinse
- Easily to control by simple titration
- Can be dispensed by automatic equipment

APPLICATIONS

- Immersion
- Spraying
- 80°C – 95°C

SURFACES

- Titanium and its alloys
- Columbium and its alloys
- Tantalum and its alloys
- Composites

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO LIQUID SMUT GO NC B

Deoxidizers

PACKAGES

- Liquid
- 25 L JERRY CAN
- 1000 L IBC



25L.



1000L.

DESCRIPTION

Dark brown, acidic and liquid deoxidizer and desmutter formulated to deoxidize and desmut aluminum and its alloys

Used for processing alloys that require low surface resistance, prior to anodizing, conversion coating, bonding and welding

Used when etch rates lower than 0.1 mils/surface/hour are required

APPROVALS & SPECIFICATIONS

AIRBUS I+D-N 23
AIRBUS 80-T-35-0100 (AB
Bremen
AMS 1626
BOEING BAC 5765

BENEFITS

- **Free** from chromates
- Due to its low operating temperature, greatly reduces energy and costs
- Readily soluble in water
- Easy to control by titration
- Etch rate can be adjusted to meet specific requirements

APPLICATIONS

- Immersion
- Spraying
- 10°C – 48°C

SURFACES

- Aluminum and its alloys
- Composites

CHEMISTRY

- Liquid
- Acidic
- Water based



TURCO LIQUID SMUT GO NC

Deoxidizers

PACKAGES

- Liquid
- 10 L JERRY CAN
- 25 L JERRY
- 200 L DRUM
- 1000 L IBC



10L. 25L.



200L.



1000L.

DESCRIPTION

Dark brown, acidic and liquid deoxidizer, desmutter and brightener formulated to deoxidize, desmut and polish aluminum and its alloys

Used for processing alloys that require low surface resistance, prior to anodizing, conversion coating, bonding and welding

Used when etch rates higher than 0.1 mils/surface/hour are required

APPROVALS & SPECIFICATIONS

AIRBUS I+D-N 23
AIRBUS AIPI TSA
AIRBUS 80-T-35-0100 (AB Bremen)
AMS 1626

BENEFITS

- **Free** from chromates
- Due to its low operating temperature, greatly reduces energy and costs
- Readily soluble in water
- Easy to control by titration
- Etch rate can be adjusted to meet specific requirements

APPLICATIONS

- Immersion
- Spraying
- 10°C – 50°C

SURFACES

- Aluminum and its alloys

CHEMISTRY

- Liquid
- Acidic
- Water based



TURCO 4104

Deoxidizers

PACKAGES

- Liquid
- 20 L JERRYCAN
- 200L DRUM



20L.



200L.

DESCRIPTION

Clear, liquid acidic compound formulated to be added to nitric acidic/water solutions to enhance the descaling and pickling of titanium, stainless steel, cobalt, chrome, nickel and heat resistant alloys

APPROVALS & SPECIFICATIONS

BENEFITS

- Due to its low operating temperature, greatly reduces energy and costs
- Can be added to nitric acid to meet specific requirements, based upon alloy constituents
- Readily mixes with nitric acid at recommended dilutions
- Solutions can be tailor made for specific alloys

APPLICATIONS

- Immersion
- Room temperature

SURFACES

- Titanium and its alloys
- Stainless steel and its alloys
- Cobalt and its alloys
- Nickel and its alloys
- Heat resistant alloys
- Chrome and its alloys

CHEMISTRY

- Liquid
- Acidic
- Water based



TURCO AEROMASKING 2K

100% Chemical Milling Maskants

PACKAGES

- Viscous liquid
- 200 L DRUM
- 220 L DRUM



200L.

220L.

DESCRIPTION

Two-component peelable protective coating formulated to provide high level of chemical and mechanical resistance in chemical machining and milling processes

Used for providing additional protection against the corrosive action of hot acidic and alkaline etching solutions

Used as a resistant material to define areas for the selective separation of metals in chemical milling

APPROVALS & SPECIFICATIONS

- ROLLS ROYCE (ITP)
- Airbus Standard I+D 152

BENEFITS

- **Free** from solvents
- **Free** from VOC's
- 100% solids
- Reduces costs due to there is no need of processing the emission of solvents
- Ensures a rapid dry and cure with no need for baking or stoving
- Quicker than maskants containing solvents
- Easy to apply using simple mixing equipment in a 1:1 ratio in dispensers and more economical airless applications
- Mixed in the tip of the pistol, considerably simplifying the equipment cleaning with no requirement for cleaning solvents and maintenance downtime
- With one or two applications will provide 300 – 350 microns (10 – 12 mil) coating
- Less tendency to produce a sagging effect, reducing contamination in the painting booth

APPLICATIONS

- Spraying
- 70°C – 80°C

SURFACES

- All metals and its alloys
- Composites

CHEMISTRY

- Viscous liquid
- Neutral
- 100% solids



TURCO AEROMASKING WB

Solvent based Chemical Milling Maskant

PACKAGES

- Viscous liquid
- 200 L DRUM



200L.

DESCRIPTION

Water based coating formulated to provide a high level of chemical and mechanical resistance in chemical machining and milling process

Used for providing additional protection against the corrosive action of hot acidic and alkaline etching solutions

APPROVALS & SPECIFICATIONS

BENEFITS

- **Free** from solvents
- **Free** from VOC's
- Reduces costs due to there is no need of processing the emission of solvents
- Due to its low operating temperature, greatly reduces energy and costs
- Ensures a rapid dry and cure with no need for baking or stoving
- Combines the properties of a very good chemical resistance, excellent peelability, even after etching and nice etch factors
- Quicker than maskants containing solvents

APPLICATIONS

- Immersion
- Brushing
- Spraying
- Rolling
- Room temperature

SURFACES

- Titanium and its alloys
- Steel and its alloys
- Composites

CHEMISTRY

- Viscous liquid
- Neutral
- Water based



TURCO FORM MASK 522 G

Water based Chemical Milling Maskant

PACKAGES

- Viscous liquid
- 200 L DRUM



200L.

DESCRIPTION

Tan one-component peelable protective coating formulated to provide a high level of chemical and mechanical resistance in chemical machining and milling processes

Used for provide additional protection against the corrosive action of hot acidic and alkaline etching solutions

Used as a resistant material to define areas for the selective separation of metals in chemical milling

APPROVALS & SPECIFICATIONS

BOEING BAC 20-11-01
BOEING BAC 20-42-01
BOEING BAC 5772
BOEING BMS 5034
BOEING BMS 5514
BOEING BMS 5772
BOEING BMS 5810
BOMBARDIER MPS 186
CFM CP 2159
GENERAL ELECTRIC C01-152 (70-80-30)
PRATT & WHITNEY 1729
ROCKWELL MBO-225-002
ROLLS ROYCE OMAT 281
TURBOMECA CCT APPROVED

BENEFITS

- High bubble elimination capacity and greater ease of defects detection due to a fluorescent film
- Will provide a dry film thickness of 250 – 300 microns coating

APPLICATIONS

- Immersion
- Spraying
- 70°C – 90°C

SURFACES

- Aluminum and its alloys
- Titanium and its alloys
- Magnesium and its alloys
- Steel and its alloys
- Composites

CHEMISTRY

- Viscous liquid
- Neutral
- Water based



TURCO FORM MASK 551 LA-2

Water based Chemical Milling Maskant

PACKAGES

- Viscous liquid
- DRUM 110 L
- DRUM 210 L
- IBC 1000 L



110L. 210L.



1000L.

DESCRIPTION

Blue one-component peelable protective coating formulated to provide a high level of chemical and mechanical resistance in chemical machining and milling processes

Used for provide additional protection Against the corrosive action of hot acidic And alkaline etching solutions

Used as a resistant material to define areas for the selective separation of metals in chemical milling

Used for electrostatic spraying

APPROVALS & SPECIFICATIONS

BENEFITS

- High bubble elimination capacity and greater ease of defects detection due to a fluorescent film

APPLICATIONS

- Immersion
- Spraying
- 70°C – 90°C

SURFACES

- Aluminum and its alloys
- Titanium and its alloys
- Magnesium and its alloys
- Steel and its alloys
- Composites

CHEMISTRY

- Viscous liquid
- Neutral
- Water based



TURCO AEROMASKING TOUCH UP COATING

Line Sealers

PACKAGES

- Viscous liquid
- Paste in small tube

DESCRIPTION

Red fast-drying coating formulated to act as a line sealer and enables marking in TURCO AEROMASKING 2K processes

Used for repairing defects on the marking layer

APPROVALS & SPECIFICATIONS

ROLLS ROYCE (ITP)

BENEFITS

- Air drying in one hour
- This product and technique eliminates repeated location of the template and repeated scribing and marking operations

APPLICATIONS

- Brushing
- Room temperature

SURFACES

- All metals and its alloys
- Composites

CHEMISTRY

- Paste in tube
- Neutral
- Silicone based



TURCO TOUCH UP COATING 91 CA RED

Line Sealers

PACKAGES

- Viscous liquid
- 10 L JERRY CAN
- 25 L JERRY



25L.

DESCRIPTION

Grey fast-drying coating formulated to act as a line sealer and enables marking in coating masking processes

Used for repairing defects on the masking layer

APPROVALS & SPECIFICATIONS

BENEFITS

- This product and technique eliminates repeated location of the template and repeated scribing and marking operations

APPLICATIONS

- Brushing
- Room temperature

SURFACES

- All metals and its alloys
- Composites

CHEMISTRY

- Viscous liquid
- Neutral
- Water based



TURCO COAT ALUMIGOLD

Conversion Coatings

PACKAGES

- Powder
- 25 L DRUM



25L.

DESCRIPTION

Coating formulated to produce a golden Iridescent chemical film or conversion Coating on aluminum and its alloys

APPROVALS & SPECIFICATIONS

BOEING BAC 5719
MIL DTL-81706 (Class 1A-Form II-Meth. A)
MIL DTL-81706 (Class 1A-Form II-Meth. C)
MIL-C-81706 (Class 1A-Form II-Meth. A)
MIL-C-81706 (Class 1A-Form II-Meth ABC)
MIL QPL 81706-16
MIL-C-5541 Amend I
ROCKWELL LAO-109-912
ROCKWELL NA-2-1340
ROCKWELL STO-210-GB-0001

BENEFITS

- Due to its low operating temperature, greatly reduces energy and costs
- Improves corrosion resistance
- Improves paint adhesion

APPLICATIONS

- Immersion
- Spraying
- 25°C – 30°C

SURFACES

- Aluminum and its alloys
- Composites

CHEMISTRY

- Powder
- Acidic
- Chrome based



TURCO COAT 4354

Conversion Coatings

PACKAGES

- Powder
- 25 KG SACO

DESCRIPTION

Coating formulated to produce a colourless chemical film or conversion coating on aluminum and its alloys

APPROVALS & SPECIFICATIONS

AIRBUS I+D-N 23
BOEING BAC 5725
DOUGLAS DPM 5894
LOCKHEED 31.2551
MIL DTL-81706 (Class 3-Form II-Meth. C)
MIL-C-81706 (Class 1A-Form II, III - Meth. ABC)
MIL-C-81706 (Class 3-Form II-Meth. C)
MIL QPL 81706-16
MIL-C-5541
MIL-C-81706 Amend 3
ROCKWELL LAO-109-012
ROCKWELL NA-2-1340
ROCKWELL STO-210-GB-0001
ROLLS ROYCE CSS54

BENEFITS

- Due to its low operating temperature greatly reduces energy and costs
- Improves corrosion resistance
- Improves paint adhesion
- Excellent nicotine stain remover

APPLICATIONS

- Immersion
- Spraying
- 24°C – 30°C

SURFACES

- Aluminum and its alloys

CHEMISTRY

- Powder
- Acidic
- Solid based



TURCO COAT 4333

Phosphaters

PACKAGES

- Liquid
- 50 L DRUM
- 1000 L IBC



50L.



1000L.

DESCRIPTION

Clear, green liquid zinc phosphater formulated to provide a fine crystalline coating on iron, steel and galvanized metals

Used as an ideal base for paints and supplement lubes, such as drawing compounds and frictional break-in lubes

APPROVALS & SPECIFICATIONS

BOEING BMS 5810
LOCKHEED 31.4000
LOCKHEED 31.47
MIL-P-16232 (Type Z)
MIL-P-50002 (Type Z)
MIL-TT-C-490 (Type I)
ROCKWELL LAO-109-009

BENEFITS

- Improves corrosion resistance
- Improves paint adhesion
- Easy to control by simple titration
- Compatible with nitrite compounds

APPLICATIONS

- Immersion
- Spraying
- 55°C – 85°C

SURFACES

- Iron and its alloys
- Steel and its alloys
- Galvanized metals
- Composites

CHEMISTRY

- Liquid
- Acidic
- Water based



TURCO COAT LOW TEMP

Phosphaters

PACKAGES

- Liquid
- 50 L DRUM
- 1000 L IBC



50L.



1000L.

DESCRIPTION

Liquid phosphater formulated to provide a smooth and tight crystalline coating on iron, steel and zinc

Used as an ideal base for paints and supplement lubes, such as drawing compounds and frictional break-in lubes

APPROVALS & SPECIFICATIONS

BENEFITS

- Due to its low operating temperature
- Saves precious energy and money
- Improves corrosion resistance
- Improves paint adhesion
- Easy to control by simple titration

APPLICATIONS

- Immersion
- 38°C – 43°C

SURFACES

- Iron and its alloys
- Steel and its alloys
- Zinc and its alloys
- Composites

CHEMISTRY

- Liquid
- Acidic
- Water based



TURCO RUST BLOC

Corrosion Preventive Coatings

PACKAGES

- Liquid
- 25 L JERRY CAN POLITENO
- 200 L DRUM

DESCRIPTION

Clear alkaline liquid rust protector formulated to temporary in-plant rust protection for steel and cast iron

APPROVALS & SPECIFICATIONS

IAE 10-098
PRATT & WHITNEY 9332
PRATT & WHITNEY PMC 9132
PRATT & WHITNEY SPMC 140
(SPOP 5, 62, 82, 84, 203, 211, 213, 253, 258)

BENEFITS

- **Free** from chromate and nitrites
- No toxic fumes or vapors
- Due to its low operating temperature, greatly reduces energy and costs
- Used at low concentrations
- Rapid drying
- Low foam

APPLICATIONS

- Immersion
- Room temperature

SURFACES

- All metals

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO AQUASORB

Corrosion Protective Coatings

PACKAGES

- Liquid
- 50 L DRUM



50L.

DESCRIPTION

Amber liquid corrosion preventive compound formulated to impart short term rust and corrosion protection to ferrous and non ferrous metals during manufacturing and overhaul

Used for post oil treatments such as phosphatation and often used on aircraft engine, wheel bearings and similar components after reword

APPROVALS & SPECIFICATIONS

BOEING BMS 5751
CFM CP 2561
GENERAL ELECTRIC C02-064
(70-80-30)
PRATT & WHITNEY SPMC 125
(SPOP 216)
ROCKWELL NE-511-9
ROCKWELL RBO-210-005
ROCKWELL STO-610-RA-0034
ROLLS ROYCE OMAT 1036N
SMI 9801053 AMS 3065G
TURBOMECA CCT LB540

BENEFITS

- Due to its low operating temperature, greatly reduces energy and costs
- Ready to use
- Requires no mixing or heating
- Displaces water from metal surfaces, leaving an oil-like protective film which prevents corrosion and rusting under humid conditions

APPLICATIONS

- Immersion
- Spraying
- Brushing
- Room temperature

SURFACES

- All metals and its alloys
- Composites

CHEMISTRY

- Liquid
- Neutral
- Solvent based



TURCO 5442 WD

Corrosion Protective Coating

PACKAGES

- Liquid
- 20 L DRUM
- 25 L JERRY
- 200 L DRUM



25L.



20L.



200L.

DESCRIPTION

Solvent dispersed corrosion preventive compound formulated to create a thin clear protective coating when applied

The coating will dry to a soft film

Used for short term corrosion protection where surfaces to be protected may be frequently recoated and where a clear film is desired

APPROVALS & SPECIFICATIONS

AIRBUS I+D-N II
MIL-PRF-16173 E (grade 3)
TURBOMECA CCT
TURBOMECA CCT LA706
MIL-C-1617ED

BENEFITS

- Due to its low operating temperature, greatly reduces energy and costs
- Provides protection for up to onemonth
- Easy removal with alkaline cleaners, steam and emulsion cleaners

APPLICATIONS

- Immersion
- Spraying
- Brushing
- Room temperature

SURFACES

- All metals and its alloys
- Paints used on aircrafts

CHEMISTRY

- Liquid
- Neutral
- Solvent based



MRO



Our Solutions for Aerospace & Defense MRO





TURCO 4460

Solvent based Cleaners & Degreasers

PACKAGES

- Liquid
- 20 L JERRY
- 25 L JERRY CAN
- 200 L DRUM
- 1000 L IBC

DESCRIPTION

White solvent based cleaner and degreaser formulated to replace methyl ethyl ketone and other similar solvents that are environmentally unacceptable due to their high vapor pressure

Used as a specific solvent for cleaning metallic surfaces prior to application of sealants

Used for cleaning bearings, Instruments and electronic Components

Used for hand wipe cleaning of metal surfaces prior painting and bonding

APPROVALS & SPECIFICATIONS

AIRBUS I+D-N-23
AIRBUS A-A-59281 TYPE I
AIRBUS I+D-P-062
AMS 1525
BOEING BAC 5750
BOEING BMS 11-7B
BOEING BMS 11-7E
BOEING BMS 11-7G

BENEFITS

- **Free** from chlorinated solvents
- **Free** from xylene
- Costs and hazards normally associated to chlorinated solvent cleaner are greatly reduced
- Low VOC
- Fast and safe drying speed
- Due to its low operating temperature, greatly reduces energy and costs
- Controlled evaporation, leaves no residues
- Excellent solvency for oily soils and paint residues

APPLICATIONS

- Immersion
- Spraying
- Wiping
- Brushing
- Room temperature

SURFACES

- All metals and its alloys
- Composites

CHEMISTRY

- Liquid
- Neutral
- Solvent based



TURCO PD 680 Type I

Solvent based Cleaners & Degreasers

PACKAGES

- Liquid
- 20 L DRUM
- 50 L DRUM



20L.

50L.

DESCRIPTION

Clear solvent based cleaner with sweet odor formulated to replace and improve the white spirits for dry cleaning

Used for oil cooler cleaning according to Pratt & Whitney Standard Practices Manual

Used during metal pre-treatment

Used for cleaning aircraft components

APPROVALS & SPECIFICATIONS

MIL-PRF-680 Type I
BOEING BAC 5750
BOEING BMS 5750
BOEING BMS 15-5 Class A
BOEING BMS 15-5 Class B
PRATT & WHITNEY SPM

BENEFITS

- **Free** from chlorinated solvents
- **Free** from toluene and xylene
- Low VOC
- Costs and hazards normally associated to chlorinated solvent cleaner are greatly reduced
- Due to its low operating temperature, greatly reduces energy and costs
- Fast and safe drying speed
- Controlled evaporation, leaves no residues
- Excellent solvency for oily soils and paint residues
- Improvement over white spirits for dry cleaning

APPLICATIONS

- Immersion
- Spraying
- Wiping
- Brushing
- Room temperature

SURFACES

- All metals and its alloys
- Composites

CHEMISTRY

- Liquid
- Neutral
- Solvent based



TURCO IND 79

Solvent based Cleaners & Degreasers

PACKAGES

- Liquid
- 25 L JERRY
- 200 L DRUM

DESCRIPTION

Clear solvent based cleaner and degreaser with sweet odor formulated to replace and improve white spirits for dry cleaning

Used during metal pre-treatment

Used for cleaning aircraft components and mechanical parts

Used for cleaning garages and repair shops

APPROVALS & SPECIFICATIONS

MIL-PRF-680 Type II
AIR 086
CFM CP 2560
GENERAL ELECTRIC C04-225
(70-80-30)
SNECMA DMR 70-205
TURBOMECA CCT LA714
TURBOMECA CCT LA716

BENEFITS

- **Free** from chlorinated solvents
- **Free** from toluene and xylene
- Cost and hazards normally associated to chlorinated solvent cleaners are greatly reduced
- Low VOC
- Slow and safe drying speed
- Due to its low operating temperature, greatly reduces energy and costs
- Controlled evaporation, leaves no residues
- Improvement over white spirits for dry cleaning

APPLICATIONS

- Immersion
- Spraying
- Wiping
- Brushing
- Room temperature

SURFACES

- All metals and its alloys
- Rubber
- Plastics
- Good quality paints
- Composites

CHEMISTRY

- Liquid
- Neutral
- Solvent based



TURCO AIRTEC 23

Exterior Cleaners

PACKAGES

- Liquid
- 10 L JERRY CAN POLITENO
- 20 L JERRY CAN POLITENO
- 200 L DRUM



10L.

20L.



200L.

DESCRIPTION

Clear straw coloured alkaline water based cleaner formulated to clean painted and unpainted exterior aircraft surfaces

Used on well bonded paints

APPROVALS & SPECIFICATIONS

AIRBUS I+D-N 11
AIRBUS SAE-AMS-1526
AIRBUS CML 11-001A
AMS 1526
AMS 1527
BOEING BAC 5749
BOEING BMS 5744
BOEING D6-17487 (Rev. L)
FOKKER FK
MIL-C-87936A (Type I)
SMI 9702064 (D-6 17487 Rev.L)

BENEFITS

- **Free** from boron salts
- **Free** from chromates, phenols, phosphates and solvents
- Due to its low operating temperature greatly reduces energy and costs
- Non flammable
- Readily soluble in water
- Does not stain or streak aluminum
- Does not craze or crack plexiglas
- Readily rinses from aircraft surfaces with water
- Does not attack asphalt or concrete ramps

APPLICATIONS

- Spraying
- Mopping
- Room temperature

SURFACES

- All metals and its alloys
- Well-bonded painted surfaces
- Composites

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO 5948 R

Exterior Cleaners

PACKAGES

- Liquid
- 20 L JERRY CAN POLITENO
- 25 L JERRY CAN POLITENO
- 200 L DRUM



20L.

25L.



200L.

DESCRIPTION

Blue alkaline water based cleaner formulated to effectively clean painted and unpainted aircraft exterior surfaces

It's ideally suited on all aircraft, large or small

Used for removing jet soils, such as synthetic oil films, grease, carbon and exhaust residues from aircraft exterior surfaces, landing gears, wheel wells and flaps

Used for removing environmental soiling, mineral oil, lubricant oils, combustion residues, atmospheric and runaway deposits

Used for cleaning in repair and overhaul workshops

Used for cleaning prior to painting

APPROVALS & SPECIFICATIONS

AMS 1530
AMS 1550
ARP 1755 A
ARP 1795 A
AS SD

DOUGLAS CSD #1
GENERAL ELECTRIC C04-152
(70-80-30)
NORTHROP GRUMMAN
GC141FU2
LOCKHEED 32.226
LOCKHEED 32.09554
PRATT & WHITNEY PMC 1414
(SPOP 1, 18, 201, 208, 209)

PRATT & WHITNEY PMC 105
(SPOP 1, 18, 201, 208, 209)
ROLLS ROYCE OMAT 1/24B
SNECMA DMP 13-032
SNECMA DMR 70-156

BENEFITS

- **Free** from phosphates and chromates
- Due to its low operating temperature, greatly reduces energy and costs
- Non flammable
- Readily soluble and stable in water mixtures
- Does not streak or stain aluminum
- Does not crack or craze plexiglas
- Restores paint luster
- Free rinsing
- Pleasant and refreshing odour
- Will not attack asphalt ramps
- Excellent nicotine stain remover

APPLICATIONS

- Immersion
- Spraying
- Brushing
- 15°C – 60°C

SURFACES

- All metals and its alloys
- All well bonded paints
- Composites

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO 5948 DPM

Exterior Cleaners

PACKAGES

- Liquid
- 25 L JERRICAN
- 25 L JERRY
- 200 L DRUM
- 1000 L IBC



25L.



200L.



1000L.

DESCRIPTION

Blue and alkaline water based cleaner and degreaser formulated to effectively clean painted and unpainted aircraft exterior and interior surfaces

Used for removing jet soils, such as synthetic oil films, grease, carbon and exhaust residues from aircraft exterior surfaces, landing gears, wheel wells and flaps

Ideally suited for use on all models of jet aircraft, specially in baggage bins, flaps and wheel well areas

Used for parts cleaning

Used on well bonded paints

APPROVALS & SPECIFICATIONS

AIR 050	ROLLS ROYCE CSS204
AMS 1530 (B)	ROLLS ROYCE OMAT 1/24K
AMS 1550	ROLLS ROYCE OMAT 1/24P
CFM CP 2470	ROLLS ROYCE OMAT
CFM CP 2565	ROLLS ROYCE OMAT 1/264
DOUGLAS C.S.D #1	SNECMA DMP 13-032
GENERAL ELECTRIC C04-184	SNECMA DMR 70-157
GENERAL ELECTRIC C04-208 (70-80-30)	TURBOMECA CCT LB540
IAE APPROVED	PRATT & WHITNEY SPMC 109
PRATT & WHITNEY PMC 1414 (SPOP 1,18,201,208,209)	(SPOP 1)
PRATT & WHITNEY SPMC 105(SPOP 1, 18, 201,208,209)	SMI 910326 (ASTM F-519)
PRATT & WHITNEY SPMC 113	SMI 910367 (CSD #1)
	SMI 9207014 (AMS 1533A)
	SNECMA DMR 70-157

BENEFITS

- **Free** from boron salts
- **Free** from phosphates, chromates and phenols
- Room temperature for exterior and interior cleaning, reducing energy and costs
- Non flammable
- Readily soluble in water
- Does not stain or streak aluminum
- Does not crack or craze plexiglas
- Restores paint luster
- Easy rinsing
- Pleasant and refreshing odor
- Does not attack asphalt ramps

APPLICATIONS

- Immersion
- 65°C – 80°C when cleaning metallic parts
- Room temperature for exterior and interior cleaning

SURFACES

- All metals and its alloys
- Composites

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO 5948 DPM THICK

Exterior Cleaners

PACKAGES

- Liquid
- 25 L JERRICAN
- 25 L JERRY
- 200 L DRUM
- 1000 L IBC

DESCRIPTION

Blue and alkaline water based cleaner and degreaser formulated to effectively clean painted and unpainted aircraft exterior and interior surfaces

Used for removing jet solis, such as synthetic oil films, grease, carbon and exhaust residues from aircraft exterior surfaces, landing gears, wheel wells and flaps

Ideally suited for use on all models of jet aircraft, pecially in baggage bins, flaps and wheel well areas

Used for parts cleaning
Used for cleaning engines before overhaul
Used on well bonded paints

APPROVALS & SPECIFICATIONS

AIR 049
AMS 1530 B
AMS 1533 A
AMS 1550
ASTM F-945
ARP 1755 A
BOEING D6-17476 (SAA)
CFM CP 2470
DOUGLAS C.S.D. #1
GENERAL ELECTRIC C04-208 (70-80-30)
GENERAL ELECTRIC C04-232 (70-80-30)
PRATT & WHITNEY SPMC 109 (SPOP 1)
SMI 910326 (ASTM F-519)
SMI 910367 (CSD #1)
SMI 9207014 (AMS 1533A)
SNECMA DMR 70-157

BENEFITS

- **Free** from boron salts
- **Free** from phosphates, chromates, phenols and aromatic solvents
- Environmentally advanced thixotropic cleaner
- Non flammable
- Room temperature for exterior and interior cleaning, reducing energy and costs
- Readily soluble in water
- Easy to control by simple titration
- Does not stain or streak aluminum
- Does not crack or craze plexiglas
- Easy rinsing
- Pleasant and refreshing odor
- Does not attack asphalt ramps

APPLICATIONS

- Immersion
- 65°C – 80°C when cleaning metallic parts
- Room temperature for exterior and interior cleaning

SURFACES

- All metals and its alloys
- Composites

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO 1270-5

Paint strippers

PACKAGES

- Viscous liquid
- 20 L JERRY CAN POLITENO
- 25 L JERRY
- 200 L DRUM

DESCRIPTION

White brown water based paint stripper formulated to effectively strip the intermediate coat in the stripping process whereby an easily removable intermediate coat is applied between the polyurethane top coat and a more resistant chromate primer

In the stripping process, only the topcoat and the intermediate coat are stripped, leaving the chromate primer to be re-coated

APPROVALS & SPECIFICATIONS

AIRBUS CML 12-013
AIRBUS CML 11-024
BAE SYSTEMS AVP 9-033
(Issue 4)
FOKKER FK
NESHAP

BENEFITS

- **Free** from chlorinated solvents, phenols and chromates
- Does not contain any of the hazardous or highly toxic components of conventional paint removers
- Minimizes hazards in work area
- Due to its low operating temperature, greatly reduces energy and costs
- Extremely low evaporation rate will remain active for more than 24 hours

APPLICATIONS

- Spraying
- Flowing
- Room temperature

SURFACES

- All metals

CHEMISTRY

- Viscous liquid
- Alkaline
- Water based



TURCO 6776 LO

Paint strippers

PACKAGES

- Viscous liquid
- 20 L JERRY CAN POLITENO
- 25 L JERRY CAN POLITENO
- 200 L DRUM

DESCRIPTION

Low odor, thixotropic water based paint stripper formulated to remove resistant finishes as epoxies, epoxy primers, polyurethanes and similar catalyzed paints

It clings to vertical and overhead surfaces

APPROVALS & SPECIFICATIONS

AIR 082
AIRBUS CML 12-014
BOEING BAC 5725
BOEING BAC 5725 (PSG 9-6)
BOMBARDIER MPS 180-6
(Rev. G4)
CA 0
GRUM GS115RV3
SAAB STD177013 (Issue 2)
SAAB STD177013 (Issue 3)
MIL-R-81903A
NESHAP
US PATENT number 5817612,
5780409, 5542986 & 5387363

BENEFITS

- **Free** from methylene chloride, ammonia or amines
- **Free** from chlorinated solvents, phenols and chromates
- Offers a significant advance in work place safety
- Significantly lower waste disposal costs
- Can be easily treated on site
- Due to its low operating temperature greatly reduces energy and costs
- Less quantity needed than conventional methylene chloride strippers, being a very efficient product

APPLICATIONS

- Spraying
- Room temperature

SURFACES

- Aluminum and its alloys
- Titanium and its alloys
- Mild steel
- Cast iron

CHEMISTRY

- Viscous liquid
- Acidic
- Water based



TURCO 6813 E

Paint strippers

PACKAGES

- Viscous liquid
- 25 L JERRY CAN
- 200 L DRUM
- 1000 L IBC

DESCRIPTION

White water based paint stripper formulated to remove multiple coats of aircraft paints, such as epoxies, polyurethane, including resistant primers as Koroflex

Clings to vertical as well as overhead surfaces

APPROVALS & SPECIFICATIONS

BOEING D20430471-6
BOEING D6-34501
MIL-R-81294D
ASTM F519 Type 1A
US PATENT number 5726140
& 5851972

BENEFITS

- **Free** from methylene chloride
- **Free** from phenols, acids, Chlorinated hydrocarbons,
- **Free** from chrome and any other heavy metal
- **Free** from Hazardous Air Pollutants (HAP's)
- Non-flammable
- Due to its low operating temperature, greatly reduces energy and costs
- Readily rinses with cold water

APPLICATIONS

- Spraying
- Brushing
- Flowing
- Room temperature

SURFACES

- Aluminum and its alloys
- Magnesium and its alloys
- Cadmium and its alloys
- Plated steels
- Ferrous metals

CHEMISTRY

- Viscous liquid
- Alkaline
- Water based



TURCO 6930

Paint strippers

PACKAGES

- Viscous liquid
- 25 L JERRY
- 200 L DRUM
- 220 L DRUM
- 1000 L IBC

DESCRIPTION

Low odor thixotropic water based paint stripper formulated to effectively stripping epoxies, epoxy primers, polyurethane and similar catalysed aircraft paints

Activated by hydrogen peroxide

Excellent clings to vertical and overhead surfaces

APPROVALS & SPECIFICATIONS

AIRBUS CML 12-015 B
AIRBUS CML 11-024
BOEING D6-17487 (Rev N)
BOEING BAC 5725 (PSD 6-80)
MD DPM 5549
BOMBARDIER DHMS S 5 03
EMBRAER MEP 21-016
NTO DASSAULT
MIL-TT-R-2913A
MIL-TT-R-2918
NESHAP
US PATENT number 5821209

BENEFITS

- Low VOC
- Significantly lower waste disposal costs
- Can be easily treated on site Due to its low operating temperature, greatly reduces energy and costs
- Faster stripping

APPLICATIONS

- Spraying
- Room temperature

SURFACES

- Aluminium and its alloys
- Titanium and its alloys
- Mild steel
- High strenght steel

CHEMISTRY

- Viscous liquid
- Neutral
- Water based



TURCO 5351

Paint strippers

PACKAGES

- Viscous liquid
- 25 L JERRY
- 30 L DRUM
- 200 L DRUM

DESCRIPTION

Yellow solvent based paint stripper formulated to remove epoxies, polyurethane and similar coatings, such as acrylic, chlorine-rubber, lead and chromic from metal surfaces and concrete, asphalt and plastic surfaces

Clings to vertical and overhead surfaces

APPROVALS & SPECIFICATIONS

AIRBUS CML 12-0051	MIL-R-81294 (C)
AMS 1875	MIL-TO-1-1-8
US AIR FORCE notched bar Test	MIL-TO-4W-1-61
BAE SYSTEMS AVP-9-033 (Issue 4)	NORTHROP-NORAIR C-7
BOEING BAC 20-60-01	ROCKWELL RA-1110-006
BOEING BAC 5727	SMI 9-307
BOEING BAC 5725	NESHAP
BOEING BMS 5750	QPL TT-R-248
BOEING D6-17476 ((SAA))	
BOEING D6-17487 (Rev.L)	
BOEING D6-34501	
BOMBARDIER MPS 180-6 (Rev G 4)	
CFM CP 2258	
DOUGLAS DPM 5549	
LOCKHEED 32.06	
LOCKHEED 32.233	
LOCKHEED 32.2352	
LOCKHEED 32.1252	
MAC DONELL DOUGLAS	
P.S. 11310, P.S. 12100	
MCL 34230-6 (ASTM F519)	

BENEFITS

- **Free** from acidic and alkaline constituents
- Non flammable
- Forms a surface film that helps retard evaporation and extend the working life of the stripper
- Due to its low operating temperature, greatly reduces energy and costs
- Allows stripping of topcoat and intermediate coat without stripping primer
- Rinsed from surfaces by high pressure cold water

APPLICATIONS

- Spraying and brushing
- Room temperature

SURFACES

- All metals

CHEMISTRY

- Liquid
- Neutral
- Solvent based



TURCO 5351 THIN

Paint strippers

PACKAGES

- Liquid
- 25 L JERRY
- 30 L DRUM
- DRUM 200 L

DESCRIPTION

Amber bi-phasic liquid solvent based paint stripper formulated to remove epoxies, polyurethane and other catalyzed finishes from ferrous and non ferrous surfaces

APPROVALS & SPECIFICATIONS

AMS 1378
BOEING BAC 5725
BOMBARDIER MPS 180-6
(Rev. G4)
(ROCKW) RA-1110-008
NESHAP

BENEFITS

- **Free** from acidic or alkaline constituents
- Non flammable
- Due to its low operating temperature, greatly reduces energy and costs
- Ready to used
- Comes with built-in seal: seal is maintained by addition of tap water
- Freely rinses from parts with high pressure, high volume cold water

APPLICATIONS

- Immersion
- Room temperature

SURFACES

- All metals

CHEMISTRY

- Liquid
- Neutral
- Solvent based



TURCO 6881

Paint strippers

PACKAGES

- Viscous liquid
- 25L JERRY
- 25 L JERRY CAN
- 30 L DRUM
- 220 L DRUM

DESCRIPTION

Low odor thixotropic water based paint stripper formulated to effectively stripping resistant finishes such as epoxies, epoxy primers, polyurethane and similar catalyzed aircraft paints

Activated with hydrogen peroxide

Excellent cling to vertical and overhead surfaces

APPROVALS & SPECIFICATIONS

AIRBUS CML 12-015 B
AIRBUS CML 11-024
MIL-TT-R-2918
SMI 9803054
(TT-R-2918 Type 1)
SMI 9803054-R
(ASTM F519-77)
SMI 9907032 (ASTM F945)
NESHAP

BENEFITS

- Low VOC
- Significantly lower waste disposal costs Due to its low operating temperature, greatly reduces energy and costs
- Faster stripping than conventional strippers
- Can be easily treated on site

APPLICATIONS

- Spraying
- Room temperature

SURFACES

- Aluminum and its alloys
- Titanium and its alloys
- Strength steel
- Mild steel

CHEMISTRY

- Viscous liquid
- Neutral
- Water based



TURCO 5469

Paint strippers

PACKAGES

- Viscous liquid
- 25 L JERRY
- 30 L DRUM
- 200 L DRUM

DESCRIPTION

Yellow solvent based paint stripper formulated to remove epoxies, polyurethane and similar coatings from metal surfaces

Clings to vertical surfaces and forms a top surface film

APPROVALS & SPECIFICATIONS

AMS 1375
BAE SYSTEMS AVP 9-033
(Issue 4)
BOEING BAC 20-60-01
BOEING BAC 5725
BOEING D6-17476 ((SAA))
BOEING D6-17487 (Rev L)
BOEING D6-34501
BOMBARDIER MPS 180-6
(Rev. G4)
CFM CP 2258
DOUGLAS DPM 5549
LOCKHEED 32 06
LOCKHEED 32 233
LOCKHEED 32 2352
(MCL) 34230-6 (ASTM F519)
MIL-R-81294
MIL MIL-TO 1-1-8
MIL MIL-TO 4W-1-61
ROCKWELL RA-1110-008
SMI 9-307
NESHAP

BENEFITS

- Non flammable
- Ready to use
- Due to its low operating temperature, greatly reduces energy and costs
- Rinses from surfaces by high pressure cold water
- Forms a surface film that helps retard evaporation and extend the working life of the stripper

APPLICATIONS

- Spraying
- Brushing
- Flowing
- Room temperature

SURFACES

- All metals

CHEMISTRY

- Viscous liquid
- Neutral
- Solvent based



TURCO 5668

Paint strippers

PACKAGES

- Viscous liquid
- 25 L JERRY CAN POLITENO

DESCRIPTION

Di-phase liquid hot tank paint stripper formulated To remove resistant coatings, such as Aluminized silicones, polyurethane, acrylics, epoxies and chromated primers

Used for removing PRC-1560M and PRC-1569 MC coatings

Used on multi-layer of paints

Used for removing paint from aircraft wheels, landing gear components and AGE components

APPROVALS & SPECIFICATIONS

AIR 044	PRATT & WHITNEY SPMC 174
AIRBUS I+D-N 23	PRATT & WHITNEY SPMC 83
AMS 1374	(SPOP 260)
AMS 1385	ROLLS ROYCE OMAT 1/226
BOEING BAC 5725	ROLLS ROYCE OMAT 1/226K
CFM CP 2555	SMI 6-821 LOCKHEED
CFM CP 2563	SMI 900531 (ASTM F945)
GENERAL ELECTRIC C04-105	SMI 900760 MIL-R-83936B Am.2)
(70-80-30)	SMI 9109024 (ASTM F519 Type 1)
GENERAL ELECTRIC C04-185	SMI 9109024 (MIL-R-83936B Am.1)
IAE APPROVED	SNECMA DMR 70-129
LOCKHEED 32.0601	TURBOMECA CCT
LOCKHEED 32.061	TURBOMECA CCT LB540
MESSIER PSC 2700 (Issue 1	
MESSIER DOWTY)	
MIL-R-83936	
MIL-R-83936 (Amm.2)	
MIL-R-83936B (Amend. 1 -	
TO4W-1-61)	

BENEFITS

- **Free** from chlorinated solvents,
- **Free** from chromates, phenols and acids
- Flash point greater than 90°C, COC method
- Supplied with a built-in, non aqueous chemical seal, which retards evaporation and help minimize drag out losses
- Easy rinsed from parts with steam or high-pressure water
- Long tank life through use of additives

APPLICATIONS

- Immersion
- 70°C – 80°C

SURFACES

- Aluminum and its alloys
- Titanium and its alloys
- Magnesium and its alloys
- Cadmium and its alloys
- Ferrous alloys
- Conversion coatings
- Dow coatings

CHEMISTRY

- Viscous liquid
- Alkaline
- Water based



TURCO METAL GLO 6

Deoxidizers

PACKAGES

- Liquid
- 20 L JERRY CAN POLITENO
- 25 L JERRY
- 50 L DRUM

DESCRIPTION

Liquid deoxidizer formulated to remove corrosion residues, oxides, light carbon and other light soils from aircraft and aluminum surfaces

Used on well painted surfaces

Used for surface preparation prior to painting

Used for removing anodic coating on aluminum

Used also as a brightener

APPROVALS & SPECIFICATIONS

- AIRBUS I+D-N 23 SAE
- AMS 1640
- BOEING BAC 5765
- LOCKHEED 32 24
- MIL-C-38334 (Type I, Class I)

BENEFITS

- Non flammable
- Due to its low operating temperature, greatly reduces energy and costs
- Easy to rinse, forming an even damp film
- Does not crack or craze plexiglas
- Does not streak or stain aluminum

APPLICATIONS

- Spraying
- Brushing
- Room temperature

SURFACES

- All metals

CHEMISTRY

- Liquid
- Acidic
- Water based



TURCO W.O. 1

Deoxidizers

PACKAGES

- Liquid
- 25 L JERRY
- 200 L DRUM

DESCRIPTION

Clear acidic water based cleaner formulated to clean, deoxidize and lightly passivate in a single operation

Used for providing an excellent base for good adherence for painting, enamelling and other protection coatings

Used on well-bonded paints

APPROVALS & SPECIFICATIONS

AIR 048
BOEING BAC 20-60-01
BOEING BAC 5765
BOEING BMS 5751
BOEING BMS 5750
DOUGLAS DPM 5541
GENERAL DYNAMICS 77.47
GENERAL DYNAMICS FPS
5800
LOCKHEED 32.245
MIL-C-10578 (Type I)
MIL-FPS-3006 (3)
MIL-TT-C-490 (M VI)
ROCKWELL LAO-111-009
ROCKWELL MAO-109-005

BENEFITS

- Non flammable
- Due to its low operating temperature, greatly reduces energy and costs
- It has corrosion inhibitors and wetting agents assuring uniform and smooth action over the surface
- Excellent final rinsing
- Improves paint adhesion
- Does not stain or streak aluminum
- Does not craze or crack plexiglas

APPLICATIONS

- Immersion
- Spraying
- Brushing
- Room temperature – 50°C

SURFACES

- All metals

CHEMISTRY

- Liquid
- Acidic
- Water based



TURCO 5805

Brighteners

PACKAGES

- Viscous liquid
- 1000 L IBC

DESCRIPTION

Clear liquid alkaline cleaner formulated to clean and brighten jet engine thrust reverses, cowling, landing gears, etc... during overhaul

Used for removing jet engine carbon, synthetic oil residues, hydraulic fluids and other jet engine soils

APPROVALS & SPECIFICATIONS

AMS 4911
AMS 4916
ASTM F-945
ARP 1755 B
PRATT & WHITNEY SPMC 136
(SPOP 2)

BENEFITS

- **Free** from phenols, phosphate and chromate
- **Free** from chlorinated solvents and acids
- Due to its low operating temperature, greatly reduces energy and costs
- Non flammable
- No pre-cleaning need

APPLICATIONS

- Spraying
- Steaming
- Room temperature

SURFACES

- Aluminum and its alloys
- Titanium and its alloys
- Magnesium and its alloys
- Cadmium and its alloys
- Chrome
- Stainless steel and its alloys
- High strength steels

CHEMISTRY

- Viscous liquid
- Alkaline
- Water based



TURCO COAT ALUMIGOLD

Conversion Coatings

PACKAGES

- Powder
- 25 L DRUM



25L.

DESCRIPTION

Coating formulated to produce a golden Iridescent chemical film or conversion Coating on aluminum and its alloys

APPROVALS & SPECIFICATIONS

BOEING BAC 5719
MIL DTL-81706 (Class 1A-Form II-Meth. A)
MIL DTL-81706 (Class 1A-Form II-Meth. C)
MIL-C-81706 (Class 1A-Form II-Meth. A)
MIL-C-81706 (Class 1A-Form II-Meth ABC)
MIL QPL 81706-16
MIL-C-5541 Amend I
ROCKWELL LAO-109-912
ROCKWELL NA-2-1340
ROCKWELL STO-210-GB-0001

BENEFITS

- Due to its low operating temperature, greatly reduces energy and costs
- Improves corrosion resistance
- Improves paint adhesion

APPLICATIONS

- Immersion
- Spraying
- 25°C – 30°C

SURFACES

- Aluminum and its alloys
- Composites

CHEMISTRY

- Powder
- Acidic
- Chrome based



TURCO COAT 4354

Conversion Coatings

PACKAGES

- Powder
- 25 KG SACO

DESCRIPTION

Coating formulated to produce a colourless chemical film or conversion coating on aluminum and its alloys

APPROVALS & SPECIFICATIONS

AIRBUS I+D-N 23
BOEING BAC 5725
DOUGLAS DPM 5894
LOCKHEED 31.2551
MIL DTL-81706 (Class 3-Form II-Meth. C)
MIL-C-81706 (Class 1A-Form II, III - Meth. ABC)
MIL-C-81706 (Class 3-Form II-Meth. C)
MIL QPL 81706-16
MIL-C-5541
MIL-C-81706 Amend 3
ROCKWELL LAO-109-012
ROCKWELL NA-2-1340
ROCKWELL STO-210-GB-0001
ROLLS ROYCE CSS54

BENEFITS

- Due to its low operating temperature greatly reduces energy and costs
- Improves corrosion resistance
- Improves paint adhesion

APPLICATIONS

- Immersion
- Spraying
- 24°C – 30°C

SURFACES

- Aluminum and its alloys
- Composites

CHEMISTRY

- Powder
- Acidic
- Chrome based



TURCO RUST BLOC

Corrosion Protective Coatings

PACKAGES

- Liquid
- 25 L JERRY CAN POLITENO
- 200 L DRUM



25L.



200L.

DESCRIPTION

Clear alkaline liquid rust protector formulated to temporary in-plant rust protection for steel and cast iron

APPROVALS & SPECIFICATIONS

IAE 10-098
PRATT & WHITNEY 9332
PRATT & WHITNEY PMC 9132
PRATT & WHITNEY SPMC 140
(SPOP 5, 62, 82, 84, 203, 211, 213, 253, 258)

BENEFITS

- **Free** from chromate and nitrites
- No toxic fumes or vapors
- Due to its low operating temperature, greatly reduces energy and costs
- Used at low concentrations
- Low foam
- Rapid drying

APPLICATIONS

- Immersion
- Room temperature

SURFACES

- All metals and its alloys
- Composites

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO AQUASORB

Corrosion Protective Coating

PACKAGES

- Liquid
- 50 L DRUM



50L.

DESCRIPTION

Amber liquid corrosion preventive compound formulated to impart short term rust and corrosion protection to ferrous and non ferrous metals during manufacturing and overhaul

Used for post oil treatments such as phosphatation and often used on aircraft engine, wheel bearings and similar components after reword

APPROVALS & SPECIFICATIONS

BOEING BMS 5751
CFM CP 2561
GENERAL ELECTRIC C02-064
(70-80-30)
PRATT & WHITNEY SPMC 125
(SPOP 216)
ROCKWELL NE-511-9
ROCKWELL RBO-210-005
ROCKWELL STO-610-RA-0034
ROLLS ROYCE OMAT 1036N
SMI 9801053 AMS 3065G
TURBOMECA CCT LB540

BENEFITS

- Due to its low operating temperature, greatly reduces energy and costs
- Ready to use
- Requires no mixing or heating
- Displaces water from metal surfaces, leaving an oil-like protective film which prevents corrosion and rusting under humid conditions

APPLICATIONS

- Immersion
- Spraying
- Brushing
- Room temperature

SURFACES

- All metals

CHEMISTRY

- Liquid
- Neutral
- Solvent based



TURCO 5442 WD

Corrosion Protective Coating

PACKAGES

- Liquid
- 20 L DRUM
- 25 L JERRY
- 200 L DRUM



20L.

25L.



200L.

DESCRIPTION

Solvent dispersed corrosion preventive compound formulated to create a thin clear protective coating when applied

The coating will dry to a soft film

Used for short term corrosion protection where surfaces to be protected may be frequently recoated and where a clear film is desired

APPROVALS & SPECIFICATIONS

AIRBUS I+D-N II
MIL-PRF-16173 E (grade 3)
TURBOMECA CCT
TURBOMECA CCT LA706
MIL-C-1617ED

BENEFITS

- Due to its low operating temperature, greatly reduces energy and costs
- Provides protection for up to one month
- Easy removal with alkaline cleaners, steam and emulsion cleaners

APPLICATIONS

- Immersion
- Spraying
- Brushing
- Room temperature

SURFACES

- All metals and its alloys and paints used on aircrafts

CHEMISTRY

- Liquid
- Neutral
- Solvent based



TURCO AM WC CLEANER

WC Cleaners

PACKAGES

- Viscous liquid
- 5 L JERRY CAN
- 25 L JERRY

DESCRIPTION

Acidic liquid cleaner formulated to remove contaminants and debris that accumulate in vacuum tubes for waste in aircraft WC systems

APPROVALS & SPECIFICATIONS

AMS 1640C

BENEFITS

- Ready to use
- Very powerful cleaning action

APPLICATIONS

- Flowing
- Room temperature

SURFACES

- All metals

CHEMISTRY

- Viscous liquid
- Acidic
- Water based



TURCO BIOFRESH

WC Cleaners

PACKAGES

- Liquid
- 25 L JERRY
- 200 L DRUM
- 1000 L IBC

DESCRIPTION

Blue pleasant smelling powder deodorant and disinfectant formulated to be rapidly mix with water to eliminate formation of odor in chemical toilets and to provide the optimum bacteriological control.

Used to combat contagious diseases, that could lead to epidemics

APPROVALS & SPECIFICATIONS

AIR FRANCE ATD 990415
AMS 1476-B
BOEING D6-17487 (Rev. L)
DOUGLAS CSD#3 (Part 5)
SMI 9811086 (CSD#3)

BENEFITS

- Safe on all metals and plastics used in toilets
- The colour intensity of the used blue dye is used as an indicator for the concentration of the active ingredients in the water of the closed circuit in the toilet and adjustments can easily be done
- Does not create deposits in the system or pumps

APPLICATIONS

- Flowing

SURFACES

- All metals
- Plastics

CHEMISTRY

- Liquid
- Neutral
- Water based



TURCO 5884

In-place & Compressor cleaners

PACKAGES

- Liquid
- 25L JERRY
- 30 L DRUM
- 200 L DRUM
- 1000 L IBC

DESCRIPTION

Cleaner formulated to remove oil, salt and solid deposits from compressor blades, guide vans and rotors of in-service jet engines

APPROVALS & SPECIFICATIONS

AMS 1548
AIRBUS I+D-N 23
AL 501-D22C
CFM CP 2800
CFM CP 5060
GENERAL ELECTRIC C04-140
(70-80-30)
MIL-AFML MX 78-54
(D6-17487)
MIL-C-85704 (Type I)
PRATT & WHITNEY SPMC
87-12
ROLLS ROYCE OMAT 1/15A
ROLLS ROYCE OMAT 1/154
TURBOMECA CCT NT5225

BENEFITS

- Very low in phenol, chlorides and sulfurs
- **Free** from ash
- Readily miscible with water
- Due to its low operating temperature, greatly reduces energy and costs

APPLICATIONS

- Immersion
- Spraying
- Room temperature

SURFACES

- All metals

CHEMISTRY

- Liquid
- Neutral
- Solvent based



TURCO 6783

In-place & Compressor cleaners

PACKAGES

- Liquid
- 25L JERRY
- 1000 L IBC

DESCRIPTION

Water based cleaner formulated to effectively remove oil, salt and solid deposits from compressor blades, guide vanes and rotors of in-service turbine engines

Used when distilled, demineralized or good drinking quality water is not available

APPROVALS & SPECIFICATIONS

AS TPE331 MIL-C-85704
GENERAL ELECTRIC
MID-TD-0000-5
MIL-C-85704 (Type II RTU)
PRATT & WHITNEY SPMC
87-11B
AMS 1526B

BENEFITS

- **Free** from phenols and petroleum distillates
- Very low chlorides, sulfurs, phosphorous and potassium
- Non flammable
- Less than 0.5% ash
- Ready to use
- Readily miscible with water
- Due to its low operating temperature, greatly reduces energy and costs

APPLICATIONS

- Immersion
- Spraying
- Room temperature

SURFACES

- All metals

CHEMISTRY

- Liquid
- Neutral
- Water based



TURCO LIQUID SPRAYEZE NP LTB ECO

Engine Cleaners

PACKAGES

- Liquid
- 20 L JERRY CAN
- 25 L JERRY CAN
- 200 L DRUM
- 1000 L IBC



20L. 25L.



200L.



1000L.

DESCRIPTION

Straw coloured alkaline water based cleaner formulated to remove shop soils, lube oils, light drawing oils and drawing waxes from ferrous, aluminum, copper, titanium, magnesium, zinc, cadmium and their respective alloys

Used for pre-cleaning metals prior to phosphating and painting

Used on well bonded paints

APPROVALS & SPECIFICATIONS

ANACON 9642 (ASTM F-945)	PRATT & WHITNEY SPMC 113
AMS 4911	PRATT & WHITNEY SPMC 171
AMS 4916	(SPS 171-1 &-2 SPOP 209)
ARP 1755B	PRATT & WHITNEY SPMC
ASTM F-519 (Type I)	171-1
BF GOODRICH ML21127	PRATT & WHITNEY SPMC
CFM CP 2565	171-2 (SPOP 209)
CFM CP 2580	ROLLS ROYCE OMAT 1/24M
GENERAL ELECTRIC C04-184	ROLLS ROYCE OMAT 1/24P
GENERAL ELECTRIC C04-193	SMI 9406011 ARP 1755B
(70-80-30)	SMI 9503070 ARP 1755B
IAE APPROVED	SNECMA DMP 13-200
PRATT & WHITNEY PMC 1434	SNECMA DMR 70-603
PRATT & WHITNEY PMC 1434	
(Rev.B)	
PRATT & WHITNEY PMC	
1434-1 (PMC 1434 Rev. A)	
PRATT & WHITNEY PWA	
36603	
PRATT & WHITNEY PWA	
36604	

BENEFITS

- **Free** from caustic and phosphates
- Contains less than 1 ppm lead, silver, zinc, tin, copper and cadmium
- Contains less than 50 ppm halogens
- Used at low concentrations
- Free rinsing from parts with room temperature water
- Does not streak or stain aluminum
- Does not crack or craze plexiglas
- Solution is controlled by simple titration

APPLICATIONS

- Immersion
- Spraying
- 32°C – 88°C

SURFACES

- Aluminum and its alloys
- Titanium and its alloys
- Copper and its alloys
- Zinc and its alloys
- Cadmium and its alloys
- Ferrous metals

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO 5948 DPM

Engine Cleaners

PACKAGES

- Liquid
- 25 L JERRICAN
- 25 L JERRY
- 200 L DRUM
- 1000 L IBC

DESCRIPTION

Blue and alkaline water based cleaner and degreaser formulated to effectively clean painted and unpainted aircraft exterior and interior surfaces

Used for removing jet soils, such as synthetic oil films, grease, carbon and exhaust residues from aircraft exterior surfaces, landing gears, wheel wells and flaps

Used for parts cleaning

Ideally suited for use on all models of jet aircraft, specially in baggage bins, flaps and wheel well areas

Used on well-bonded paints

APPROVALS & SPECIFICATIONS

AIR 050
AMS 1530 (B)
AMS 1550
CFM CP 2470
CFM CP 2565
DOUGLAS C.S.D #1
GENERAL ELECTRIC C04-184
GENERAL ELECTRIC C04-208
(70-80-30)
IAE APPROVED
PRATT & WHITNEY PMC
1414 (SPOP 1,18,201,208,209)
PRATT & WHITNEY SPMC
105(SPOP 1, 18, 201,208,209)
PRATT & WHITNEY SPMC 113
ROLLS ROYCE CSS204

ROLLS ROYCE OMAT 1/24K
ROLLS ROYCE OMAT 1/24P
ROLLS ROYCE OMAT 1/264
SNECMA DMP 13-032
SNECMA DMR 70-157
TURBOMECA CCT LB540

BENEFITS

- **Free** from boron salts
- **Free** from phosphates, chromates and phenols
- Non flammable
- Room temperature for exterior and interior cleaning, greatly reducing energy and costs
- Readily soluble in water
- Easy rinsing
- Does not stain or streak aluminum
- Does not crack or craze plexiglas
- Restores paint luster
- Pleasant and refreshing odor
- Does not attack asphalt ramps

APPLICATIONS

- Immersion
- 65°C – 80°C when cleaning metallic parts
- Room temperature for exterior and interior cleaning

SURFACES

- All metals

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO SCALE GON 5

Descalers

PACKAGES

- Liquid
- 25 L JERRY CAN
- 200 L DRUM
- 1000 L IBC



25L.



200L.



1000L.

DESCRIPTION

Yellow liquid mildly acidic activated scale conditioner formulated to condition and remove high temperature scale from jet engine parts

used for removing scale-like deposits from pipes, nozzles and heating coils

APPROVALS & SPECIFICATIONS

AMS 1382
CFM CP 2557
GENERAL ELECTRIC C04-195 (70-80-30)
(70-80-30)
GENERAL ELECTRIC S-1159
PRATT & WHITNEY SPMC 130
(SPOP 211, 213)
ROLLS ROYCE OMAT 1/152B
SMI 900717 (ARP 1755A)
SMI 9806062 (ARP 1755B)
SNECMA DMP 12-056
SNECMA DMP 13-069
SNECMA DMR 70-258
TURBOMECA CCT LB540

BENEFITS

- **Free** from EDTA
- Safe and wide operating range
- Free rinsing

APPLICATIONS

- Immersion
- Spraying
- 80°C – 90°C

SURFACES

- All metals

CHEMISTRY

- Liquid
- Acidic
- Water based



TURCO 4008-3

Descalers

PACKAGES

- Liquid
- 20 L JERRICAN
- 220 L DRUM



20L.



220L.

DESCRIPTION

Amber liquid highly alkaline descaler formulated to remove deposits of carbon lead and other metallic oxides formed in the hot section of jet engines

It also has a conditioning effect on tightly adherent heat scale and assists in its complete removal in following chemical processing

Used for removing high temperature oxide and scale from jet engines, super alloys and heat treated stainless steel

APPROVALS & SPECIFICATIONS

DOUGLAS DPM 3161
GENERAL DYNAMICS
GENERAL ELECTRIC C04-048
(70-80-30)
PRATT & WHITNEY 1266
(SPOP 11, 13)
ROCKWELL RAO-110-018
AL 501-D13
AMS 1380
CFM CP 2063
MIL-D-26549
PRATT & WHITNEY 1268
(SPOP 11, 13)
ROLLS ROYCE OMAT MS-624
SNECMA DMP 12-056
SNECMA DMP 13-069
SNECMA DMR 70-260
TURBOMECA CCT LB540

BENEFITS

- Low toxicity
- Non flammable
- Ready to use

APPLICATIONS

- Immersion
- 118°C – 124°C

SURFACES

- All metals

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO 4008-4

Descalers

PACKAGES

- Liquid
- 25 L JERRY
- 25 L JERRY CAN



25L.

DESCRIPTION

Liquid highly alkaline descaler formulated to treat heavy oxide scaling which has been formed on alloys that are highly resistant to heat and corrosion

Used for cleaning, pickling and descaling Jet engines and metallic equipment made of superalloys and stainless steel by means of heat treatment

Used for removing high temperature oxide and scale from jet engines, super alloys and heat treated stainless steel

APPROVALS & SPECIFICATIONS

AIRBUS I+D-N II SAE
AMS 1380A
DOUGLAS DPM 3161
GENERAL DYNAMICS
GENERAL ELECTRIC C04-048
(70-80-30)
PRATT & WHITNEY 1266
(SPOP 11, 13)
ROCKWELL RAO-110-018
MIL-D-26549

BENEFITS

- Considerably minimizes the loss of metal on critical metals subjected to high temperatures, while facilitating the inspection and repair of complex assemblies
- Considerably reduces the labour involved in manual cleaning

APPLICATIONS

- Immersion
- 118°C – 121°C

SURFACES

- Super alloys
- Stainless steel and its alloys

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO 4181 L

Rust Removers

PACKAGES

- Liquid
- 20 L JERRY CAN POLITENO
- 25 L JERRY CAN POLITENO
- 50 L DRUM
- 200 L DRUM
- 1000 L IBC

DESCRIPTION

Amber liquid highly alkaline remover formulated to remove rust, lube oils, drawing pastes, cutting oils and protective oils from jet engine parts

APPROVALS & SPECIFICATIONS

AMS 1379
ARP 1755 B
AS CMM 189120
CFM CP 2054
CFM CP 2562
CFM Temp 970318
GENERAL ELECTRIC C04-009
(70-80-30)
GENERAL ELECTRIC C04-182
IAE 01-417
PRATT & WHITNEY SPMC 116
(SPOP 18 203, 211, 212, 213,
216, 221, 222, 258)
PRATT & WHITNEY SPMC 129
ROLLS ROYCE OMAT 1/173N
ROLLS ROYCE OMAT 173C
SMI 900230 (ASTM F-945)
SNECMA DMR 70-256
TURBOMECA CCT LB540

BENEFITS

- **Free** from boron salts
- Non flammable
- Readily soluble in tap water
- Prevents quick rusting after treatment
- Does not require post neutralization rinse
- Hydrogen embrittlement does not occur when applied to iron or steel
- Can be dispensed by automatic equipment

APPLICATIONS

- Immersion
- 82°C – 93°C

SURFACES

- Titanium and its alloys
- Magnesium and its alloys
- Stainless steel and its alloys
- Brass
- Bronze

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO 4181

Rust Removers

PACKAGES

- Powder
- 25 Kg sacco
- 210 L DRUM

DESCRIPTION

Free flowing cream to tan granular mix highly alkaline remover formulated to remove rust, paint, shop soils and light scale from jet engine parts

APPROVALS & SPECIFICATIONS

AIRBUS CML 11-544	ROCKWELL) RBO-210-006
AIRBUS CML 12-533	ROLLS ROYCE OMAT 1/173P
AIRBUS I+D-N 23	ROLLS ROYCE OMAT 173C
AL 501-KA	SNECMA DMP 13-037
AMS 1379	SNECMA DMR 70-125 (J)
AMS 1380	SNECMA DMR 70-256
ARP 1795A	TURBOMECA CCT
AS CMM 189120	TURBOMECA CCT LB540
BOEING BMS 5771	
CFM CP 2054	
CFM CP 2518	
GENERAL DYNAMICS 9951	
GENERAL ELECTRIC C04-009 (70-80-30)	
GENERAL ELECTRIC C04-187	
IAE 01-146	
MIL MIL-TT-C-490 (M V)	
PRATT & WHITNEY 1404	
PRATT & WHITNEY SMP C 12	
PRATT & WHITNEY SPMC 7 (SPOP 18, 203, 211, 212, 213, 221, 222, 258)	
ROCKWELL MBO-210-015	
ROCKWELL NE-511-10	
ROCKWELL NE-511-9	
ROCKWELL PR-601-11	

BENEFITS

- Non flammable
- Readily soluble in cold water at Recommended concentrations
- Easily rinses from parts
- Solution is controlled by simple titration

APPLICATIONS

- Immersion
- 82°C – 93°C

SURFACES

- Titanium and its alloys
- Magnesium and its alloys
- Stainless steel
- Brass
- Bronze
- Monel

CHEMISTRY

- Powder
- Alkaline
- Solid based



TURCO 5578 GL

Rust Removers

PACKAGES

- Liquid
- 25 L JERRY
- 200 L DRUM

DESCRIPTION

Liquid and alkaline etchant formulated specifically for alkaline etching of titanium, columbium, tantalum and their respective alloys

Used for etching prior to adhesive bonding, diffusion bonding, painting, welding and brazing

APPROVALS & SPECIFICATIONS

AMS 1379
DOUGLAS DPM 5328
GENERAL ELECTRIC S-421
SNECMA DMP 13-037
SNECMA DMR 70-125 (J)
SNECMA DMR 70-257

BENEFITS

- Non flammable
- Readily soluble in water at recommended concentrations
- Readily rinses from metal with water
- Does not require post neutralizationrinse
- Easily to control by simple titration
- Can be dispensed by automatic equipment

APPLICATIONS

- Immersion
- Spraying
- 80°C – 95°C

SURFACES

- Titanium and its alloys
- Columbium and its alloys
- Tantalum and its alloys

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO 4338 C

Permanganate Conditioners

PACKAGES

- Powder
- 30 Kg DRUM
- 210 L DRUM



30Kg.



210L.

DESCRIPTION

Free flowing granular mixture alkaline permanganate conditioner formulated specifically for jet engine cleaning

It modifies high temperature heat scale by chemically changing the structure of the oxide deposit to one that less tenacious and properly conditioned for ease of chemical removal in subsequent processing steps

APPROVALS & SPECIFICATIONS

AMS 1383 Type I
CFM CP 2060
CFM CP 2519
GENERAL ELECTRIC C04-054
(70-80-30)
GENERAL ELECTRIC C04-188
IAE 01-165
MIL-D-26549 (Amd.2)
PRATT & WHITNEY PMC 1267
(SPOP 11, 13, 211, 213, 221)
PRATT & WHITNEY SPMC 13
(SPOP 211, 213, 221, 224)
ROLLS ROYCE OMAT 1/198K
ROLLS ROYCE OMAT 198A
SNECMA DMP 12-056
SNECMA DMP 13-069
SNECMA DMR 70-262
TURBOMECA CCT
TURBOMECA CCT LB540

BENEFITS

- May be used over a wide range of concentrations to handle various types of scale

APPLICATIONS

- Immersion
- 80°C – 95°C

SURFACES

- All ferrous alloys
- High temperature alloys

CHEMISTRY

- Powder
- Alkaline
- Water based



TURCO 4338 L

Permanganate Conditioners

PACKAGES

- Liquid (part one)
- 25 L JERRY CAN POLITENO
- 200 L DRUM
- 1000 L IBC

- Liquid (part two)
- 25 L JERRY
- 200 L DRUM
- 1000 L IBC



25L.

200L.



1000L.

DESCRIPTION

Two part liquid alkaline permanganate conditioner formulated specifically for jet engine cleaning.

It modifies high temperature heat scale by chemically changing the structure of the oxide deposit to one that is less tenacious and properly conditioned for ease of chemical removal in subsequent processing steps

APPROVALS & SPECIFICATIONS

BOEING BAC 5753
BOEING BMS 5751
BOEING BMS 5578
CFM CP 2060
GENERAL ELECTRIC C04-054 (70-80-30)
IAE V2500 (SPMC 15)
MIL-D-26549, Amd. 2
PRATT & WHITNEY SPMC 15 (V2500)
PRATT & WHITNEY SPMC 15
PRATT & WHITNEY SPMC 15-1 (SPOP 211, 213, 221, 224)
ROLLS ROYCE OMAT 198
SMI 9403069 (ARP 1755B)
SMI 9403087 (ARP 1755B)
SNECMA DMP 12-056
SNECMA DMP 13-069
SNECMA DMR 70-262

BENEFITS

- The two liquids concentration provides greater safety and ease of handling
- May be used over a wide range of concentrations to handle various types of scale

APPLICATIONS

- Immersion
- 80°C – 95°C

SURFACES

- Ferrous alloys
- High temperature alloys

CHEMISTRY

- Liquid
- Alkaline
- Water based



TURCO RUST BLOC

Rust Protectors

PACKAGES

- Liquid
- 25 L JERRY CAN POLITENO
- 200 L DRUM

DESCRIPTION

Clear alkaline liquid rust protector formulated to temporary in-plant rust protection for steel and cast iron

APPROVALS & SPECIFICATIONS

IAE 10-098
PRATT & WHITNEY 9332
PRATT & WHITNEY PMC 9132
PRATT & WHITNEY SPMC 140
(SPOP 5, 62, 82, 84, 203, 211, 213, 253, 258)

BENEFITS

- **Free** from chromate and nitrites
- No toxic fumes or vapors
- Rapid drying
- Due to its low operating temperature, greatly reduces energy and costs
- Used at low concentrations
- Low foam

APPLICATIONS

- Immersion
- Room temperature

SURFACES

- All metals

CHEMISTRY

- Liquid
- Alkaline
- Water based



Mastering Sustainable Surface Chemistry



Contact us:

comercial@turco-spain.com • +34 93 335 03 58
r.vilaplanads@turco-spain.com • +34 646 10 31 42