



PRODUCT APPROVALS/ QUALIFICATIONS FOR THE AVIATION INDUSTRY



LUBRICANTS/PENETRANTS • INDUSTRIAL DEGREASERS •
ELECTRONIC CLEANERS • CORROSION INHIBITORS
CUTTING FLUIDS AND LUBRICANTS



LUBRICANTS/ PENETRANTS

| PRODUCT | FEATURES | APPROVED/QUALIFIED TO: |
|--|---|--|
| All-Purpose Anti-Seize Part Numbers: 04108, 04110 | <ul style="list-style-type: none"> Prevents seizure up to 1800°F (982°C) Moly fortified and lead free Protects against seizure, heat-freeze, galling, rust, & corrosion | <ul style="list-style-type: none"> Lowers friction; reduces wrench torque Not affected by contraction, expansion, or vibration Will not run, drip or settle out |
| ChainMate[®] Chain & Wire Rope Lubricant Part Number: 02416 | <ul style="list-style-type: none"> Fortified with molybdenum disulfide Increases the life of chains and wire ropes Effective under extreme temperature and pressure ranges | <ul style="list-style-type: none"> Deep penetration to the core of wire ropes Reduces wear caused by friction and corrosion Lubricant and corrosion protectant High adhesion |
| Copper Anti-Seize Part Numbers: 02908, 02910 | <ul style="list-style-type: none"> Prevents seizure up to 1800°F (982°C) Lead free Protects against seizure, heat-freeze, galling, rust & corrosion | <ul style="list-style-type: none"> Highly adhesive on both wet and dry surfaces Will not run, drip or settle out Ideal for use on stainless steel & for joining dissimilar metals |
| Dry Film PTFE Lubricant Part Number: 02616 | <ul style="list-style-type: none"> Dry film will not attract dust or dirt Provides excellent lubrication Excellent for releasing molded parts | <ul style="list-style-type: none"> Excellent for high temperature applications up to 500°F (260°C) Colorless, thin film Petroleum base |
| Force 842[®] Dry Moly Lubricant Part Number: 02516 | <ul style="list-style-type: none"> Fortified with molybdenum disulfide Provides a quick drying, thin film For assembly and break-in lubrication High adhesion | <ul style="list-style-type: none"> Works under high temperatures – 842°F (450°C) and pressures – 100,000 psi (6890 Bars) Resists dust and dirt Prevents seizure of parts Water and chemical resistant |
| KB 88 The Ultimate Penetrant Part Numbers: 02316, 02322 | <ul style="list-style-type: none"> Formulated to attack and quickly release rusted and corroded nuts, bolts, hinges, and other frozen components | <ul style="list-style-type: none"> Penetrates faster and deeper than most other similar products in the market place High KB solvency value of 151 and low surface tension |
| LPS 1[®] Greaseless Lubricant Part Numbers: 00116, 00122, 01128, 00105, 00155, C30116 | <ul style="list-style-type: none"> Efficient moisture displacing compound Provides a dry, thin, lubricating film Resists oil, dust, and dirt build-up Fast acting penetration Loosens rusted or frozen parts | <ul style="list-style-type: none"> Provides a short term, light, corrosion resistant barrier Safe on paint and most plastics De-moisturizes, cleans, lubricates, and protects precision mechanisms |
| LPS 2[®] Heavy-Duty Lubricant Part Numbers: 00216, 00222, 02128, 00205, 00255, C30216 | <ul style="list-style-type: none"> Strong, multi-purpose lubricant and penetrant Provides a non-drying, light, oily film for use on indoor/outdoor equipment | <ul style="list-style-type: none"> Reduces wear caused by friction and corrosion Loosens rusted or frozen parts Displaces moisture and provides longer lasting corrosion protection |
| LST Penetrant Part Numbers: 01916, 01955 | <ul style="list-style-type: none"> Specially formulated with low surface tension for fast penetrating action Attacks rust and corrosion to free frozen parts | <ul style="list-style-type: none"> Powerful foaming action provides complete surface coverage Flash point of 175°F (79°C) |
| Nickel Anti-Seize Part Numbers: 03908, 03910 | <ul style="list-style-type: none"> Prevents seizure up to 2600°F (1427°C) Does not contain lead, copper, or graphite Protects against seizure, rust, and corrosion Chemically inert | <ul style="list-style-type: none"> Can be used with ammonia, acetylene, and vinyl monomers Strong resistance to water wash off Will not run, drip or settle out Ideal for use on stainless steel & for joining dissimilar metals Acid resistant |

CLEANERS & DEGREASERS

| PRODUCT | FEATURES | APPROVED/QUALIFIED TO: | |
|---|--|--|---|
| A-151 Solvent Degreaser Part Numbers: 04320, 04305, 04355 | <ul style="list-style-type: none"> High flash point $\geq 158^{\circ}\text{F}$ (70°C) VOC exempt per EPA and CARB guidelines Ideal for parts washers, dip tanks, and ultrasonic cleaners | <ul style="list-style-type: none"> Airbus ABR 9-0140 Issue 5A Type I ASTM F-945 Boeing D6-17487 Rev. P Embraer EMB 120 Brasilia C.P.M.-120/1181 Type B-1 Learjet LES 1239J McDonnell Douglas CSD #1 | |
| EVR Clean Air Solvent Degreaser Part Numbers: 05220, 05205, 05255 | <ul style="list-style-type: none"> High solvent strength, instant cleaning action Excellent alternative to Methyl Ethyl Ketone (MEK) | <ul style="list-style-type: none"> Airbus UK ABR 9-0140 Issue 6, Type I Boeing D6-17487 Rev. T | |
| F-104^o Solvent Degreaser Part Numbers: 04920, 04955 | <ul style="list-style-type: none"> Heavy-duty degreaser with a 104°F (40°C) flash point Safe to use on most surfaces | <ul style="list-style-type: none"> Airbus ABP 8-1294 Issue 7 Type I Airbus UK ABR 9-0140 Issue 6, Type I Boeing D6-17487 Rev. T Learjet LES 1239J | |
| Instant Super Degreaser Part Numbers: 00720 | <ul style="list-style-type: none"> Excellent degreaser for removing greases and oils Safe on all metals | <ul style="list-style-type: none"> Airbus ABR 9-0140 Issue 5A Type I Boeing D6-17487 Rev. P McDonnell Douglas CSD #1 | |
| Instant Super Degreaser 2.0 Part Numbers: 07220 | <ul style="list-style-type: none"> Non-flammable, non-brominated. Fast(er) Evaporation No Rinsing, no residue, non conductive | <ul style="list-style-type: none"> Airbus UK-ABR 9-0140 Issue 6 Type I Boeing D6-17457, Rev.T | |
| PF[®] -141 IG Industrial Grade Solvent Part Number: 62855 | <ul style="list-style-type: none"> Removes petroleum based oils such as stamping oils, cutting fluids, rust inhibitors, and cable pulling lubricants Flash point above 140°F (60°C) Excellent for use in parts washers | <ul style="list-style-type: none"> Will not attack most commercial resins, plastics, urethanes, and synthetic rubbers Non-corrosive to metals such as copper, aluminum, magnesium, and stainless steel | <ul style="list-style-type: none"> AMS 1526B ARP 1755B Boeing D6-17487 Rev. L McDonnell Douglas CSD #1 MIL-PRF-680B Type II |
| PF[®] Solvent Part Numbers: 61400, 61410, 61420, 61432, 61401, 61405, 61456 | <ul style="list-style-type: none"> A full strength, penetrating degreaser that removes grease and oil Low residue provides outstanding performance for precision applications. Compatible with power cables and components | <ul style="list-style-type: none"> Flash point above 140°F (60°C) Does not contain chlorinated solvents such as trichloroethylene or perchloroethylene Can be used in parts washers, dip tanks, and ultrasonic cleaners | <ul style="list-style-type: none"> AMS 1526B ARP 1755A ASTM F-945 Boeing D6-17487 Rev. T (except acrylic crazing test) Bombardier (Canadair) BAPS 180-009 Rev. C G & FP type cleaner McDonnell Douglas CSD #1 MIL-PRF-680B Type IV |
| Precision Clean Aviation Grade Cleaner/Degreaser Part Numbers: Ready to use: 92728, 92701, 92705, 92755 | <ul style="list-style-type: none"> Dilutable formulation Dye free & non-corrosive Effective on a variety of soils: hydraulic fluid buildup, grease and oil deposits, carbon buildup, bugs and organic compounds, general grime Revitalizes gloss for a shinier surface | <ul style="list-style-type: none"> Will not damage paint or corrode metals Reduce drag & increase fuel efficiency Low VOCs and no flashpoint Rinses clean Does not leave a dull or hazy film behind, even in hard water dilutions | <ul style="list-style-type: none"> AMS 1526C Boeing D6-17487 Rev. T |
| PreSolve[®] Orange Degreaser Part Numbers: 01420, 01422, 01428, 01405, 01455 | <ul style="list-style-type: none"> High performance industrial cleaner which cleans on contact Pleasant smelling citrus-based degreaser Ideal for the removal of tar, partially cured resins, corrosion inhibitors, grease and oils | <ul style="list-style-type: none"> Fast acting, deep penetration, low residue Flash point above 100°F (38°C) Safe on all metals and most plastics | <ul style="list-style-type: none"> Airbus SIL 20-006 Rev. 2 AMS 1525B Lockheed Martin EMAP GH1.3086 (formerly DSDN H01.3086) McDonnell Douglas CSD #1 Pratt & Whitney Canada MMC 21529 |
| ZeroTri[®] Heavy-Duty Degreaser Part Numbers: 03520, 03528, 03505, 03555 | <ul style="list-style-type: none"> Instant degreasing action Safe to use on most surfaces | <ul style="list-style-type: none"> Ideal for degreasing metals | <ul style="list-style-type: none"> Boeing BAC 5750 Rev. J Pratt & Whitney Canada MMC 21530 |

| ELECTRICAL CLEANERS | | |
|---|--|---|
| PRODUCT | FEATURES | APPROVED/QUALIFIED TO: |
| CFC Free Electro Contact Cleaner Part Numbers: 03116, 03101, 03105, 03155 | <ul style="list-style-type: none"> Penetrating action removes oil, grease, dirt, flux, and other contaminants Ideal for cleaning de-energized electrical parts and electronics | <ul style="list-style-type: none"> Cleans and degreases delicate mechanisms and fine parts Useful in removal of hydraulic fluid from metal surfaces |
| CFC Free NU Contact Cleaner Part Number: 05416 | <ul style="list-style-type: none"> Ideal for cleaning de-energized electrical parts and electronics | <ul style="list-style-type: none"> Useful in removal of hydraulic fluid from metal surfaces Conforms to VOC regulation |
| Electro 140° Contact Cleaner Part Numbers: 00916 | <ul style="list-style-type: none"> Flash point above 140°F (60°C) Superior wetting and penetrating action Controlled evaporation | <ul style="list-style-type: none"> Safe to use on most surfaces Ideal for part washers, dip tanks, and ultrasonic cleaning tanks |
| Electro Contact Cleaner Part Number: 00416 | <ul style="list-style-type: none"> Removes light greases, oils, dirt and organic soils Ideal for cleaning electronics and fine electrical components | <ul style="list-style-type: none"> Quick penetration Safe on plastics, non-flammable, non-conductive |
| No Flash® Electro Contact Cleaner Part Number: 04016 | <ul style="list-style-type: none"> Non-Flammable VOC Compliant in California Safe to use on most surfaces, but may be harmful to some plastics Quick Penetration | <ul style="list-style-type: none"> Removes dirt, moisture, dust, flux, and oxides from internal components of electronic equipment No longer available after 12/2021 |
| No Flash® NU Precision Contact Cleaner Part Number: C04016 (Canada only) | <ul style="list-style-type: none"> Contains no chlorinated solvents No flash point Quick penetration | <ul style="list-style-type: none"> No residue Safe to use on most surfaces, but may be harmful to some plastics |
| No Flash® 2.0 Electro Contact Cleaner Part Number: 07416 | <ul style="list-style-type: none"> Industrial-strength formula for maximum cleaning power Non-flammable, non-brominated, fast evaporating | <ul style="list-style-type: none"> No Rinsing/no residue Non-conductive VOC compliant in California |
| Plastic Safe Electronic Cleaner Part Number: 04620 | <ul style="list-style-type: none"> For use on electronics and electrical devices such as connectors and circuit boards | <ul style="list-style-type: none"> Non-flammable fast evaporating formula leaves no residue Offers enhanced plastics compatibility and can be used near ignition sources. |

| CORROSION INHIBITORS | | |
|---|--|--|
| PRODUCT | FEATURES | APPROVED/QUALIFIED TO: |
| LPS 3® Premier Rust Inhibitor Part Numbers: 00316, 00322, 03128, 00305, 00355, C30316 | <ul style="list-style-type: none"> Protects for up to 2 years indoors, up to 9 months outdoors Prevents rust and corrosion Provides non-sling lubrication | <ul style="list-style-type: none"> Self-healing, soft, waxy film Safe to use on rubber, fabric, plastics, and paints |
| Cold Galvanize Premier Rust Inhibitor Part Numbers: 00516, 05128 | <ul style="list-style-type: none"> Zinc Purity: 99% - Zinc-rich galvanized coating Protects for up to 3 yrs indoors, 2 yrs outdoors Withstands water temp up to 212°F (100°C) and continuous dry heat up to 750°F (400°C) | <ul style="list-style-type: none"> Dries in 3-5 minutes Galvanic action electrochemically protects base metal, even underwater Commonly used as flash rust preventative on welded areas, and inhibits rust on steel under severe environments |

| CUTTING FLUIDS & LUBRICANTS | | |
|--|---|---|
| PRODUCT | FEATURES | APPROVED/QUALIFIED TO: |
| Tapmatic® #1 Gold Cutting Fluid Part Numbers: 40312, 40320, 40330, 40340 | <ul style="list-style-type: none"> For hand applied machine applications of fuselage components and derivatives thereof Great for all metals including aluminum Increases tool life and improves surface finish Requires less product usage than traditional cutting fluids | <ul style="list-style-type: none"> Does not contain chlorinated paraffins Reduces cutting torque and improves cutting efficiency Does not contain water, solvents, or inactive fillers Excellent for tapping applications |
| Tapmatic® Edge Crème Part Number: 43100 | <ul style="list-style-type: none"> Excellent for vertical applications Squeeze tube allows easy application For use when drilling, tapping blind holes, forming, bending, pre-coating fasteners, and lubricating rubber seals | <ul style="list-style-type: none"> Does not contain any hazardous chemicals Ecological and economical Safe on all metals Can be applied to cutting tools before tapping or reaming |



CONTACT YOUR ITW PRO BRANDS REPRESENTATIVE TODAY!

800.241.8334 | www.itwprobrands.com

©2021 ITW Pro Brands • LPS®, NoFlash®, PF®, ZeroTri®, PreSolve®, LPS 1®, LPS 2®, LPS 3®, ChainMate®, Force 842®, and Tapmatic® are registered trademarks of Illinois Tool Works • Printed in U.S.A. • All Rights Reserved • LI029 • 210609