

Technical Data



PX24

INDUSTRIAL STRENGTH PROTECTIVE LUBRICANT



PX24 is the complete maintenance treatment for protection against corrosion, water displacement, lubrication and light surface rust removal. One simple application – by spray, swab or dip – stops the spread of existing corrosion, gives lasting protection against further attack and removes and repels ambient moisture.

Fitted with a 360° Spray System for all angle use, even upside down.



APPLICATION

PX24 is specifically used for preservation and corrosive inhibition after operation of certain gas turbine engines and as a de-watering and protective fluid.

PX24 is ideal for use on all mechanical and electrical equipment being suitable for use on low voltage equipment up to 250V. As a penetrant, it will quickly free seized nuts, bolts and bearings, whilst the highly effective water displacing properties make the perfect 'damp-start' solution for ignition systems and other electrical equipment.

The protective, lubricating film is non-conductive and remains operational even at severe sub-zero temperatures. It will not affect paints or plastics and is lastingly effective on all metals, including aluminium. Freshly machined surfaces resist 'finger-marking' and will stay clean and bright, even in highly corrosive conditions.

TECHNICAL DATA

Appearance	: Clear amber coloured liquid
Odour	: Solvent
Specifications/Approvals	: Meets Def. Stan. 68-10/4 PX24 Nato Code C-634 Mil-PRF-16173 NATO stock number 6850-99-224-4966

The specification includes tests for protection against corrosion, water displacing properties, freedom from corrosive effects, demulsification, film forming, lacquer forming tendency, copper corrosion under electric stress, electric strength/recovery of surface resistance and effect on non-metallic materials. This product displaces water from surfaces and leaves a soft protective film.

SG@25°C	: 0.796
Initial boiling point	: 147°C
Temperature range	: Operational from -20°C to + 115°C

Moisture content	:	<700 ppm								
Copper corrosion	:	Max 1; no pitting or etching (IP154)								
Water displacement	:	Complete displacement of Saline test solution(IP178B)								
Corrosion protection	:	No corrosion (IP178A)								
Solubility	:	Soluble in hydrocarbon solvents, insoluble in water								
Film thickness	:	1.65 x 10 ⁻⁴ cm								
Film Weight	:	1.46 g/sq. metre								
Compatibility	:	<table> <tr> <td>Rubber</td> <td>No visible affect when sprayed. Most rubbers will swell after prolonged immersion.</td> </tr> <tr> <td>Paintwork</td> <td>No effect on surfaces. Wax polishes and coatings may be softened after prolonged exposure.</td> </tr> <tr> <td>Plastics</td> <td>No visible affects after 240 hours immersion of formica, acrylic sheet, polyester glass fibre laminate, vinyl sheet and ebonite.</td> </tr> <tr> <td>Overpainting</td> <td>Although not always necessary, removal of PX24 from surfaces to be painted is recommended.</td> </tr> </table>	Rubber	No visible affect when sprayed. Most rubbers will swell after prolonged immersion.	Paintwork	No effect on surfaces. Wax polishes and coatings may be softened after prolonged exposure.	Plastics	No visible affects after 240 hours immersion of formica, acrylic sheet, polyester glass fibre laminate, vinyl sheet and ebonite.	Overpainting	Although not always necessary, removal of PX24 from surfaces to be painted is recommended.
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Flammability	:	Not classified as flammable under CHIP Regulations								
Flashpoint	:	>80°C								
Packaging	:	400ml, 5Ltr, 25Ltr, 200Ltr								

STORAGE

The product may be stored at normal ambient temperatures and has a shelf-life of not less than 36 months with correct storage.

HEALTH AND SAFETY

Health and Safety sheet available separately.

TECHNICAL SERVICE

Ambersil provides a technical support service and maintains a constant programme of research and development. We are able to assist customers by specific product development to meet particular requirements.

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

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