# **Technical Data**



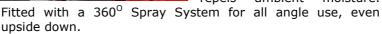


## INDUSTRIAL STRENGTH PROTECTIVE LUBRCIANT



**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.



#### **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  $-20^{\circ}$ C to  $+ 115^{\circ}$ 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 :  $1.65 \times 10^{-4cm}$ 

Film Weight : 1.46 g/sq. metre

Compatibility : 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.

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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