

Product Name

ANTICORROSION, MOLY DI SULPHIDE DRY FILM LUBRICANT FOR HIGH LOAD APPLICATIONS

Product Description

Ipslip 5000 produces a durable, bonded coating containing a synergistic blend of finely divided lubricating pigments in a tough, thermosetting resin binder. The system was developed to meet the demands for improved lubrication and corrosion protection in aggressive environments and provides a thin, hard, low friction coating which is capable of continuous operation at temperature extremes.

Approvals

Performance

Ipslip 5000 is particularly suited to the lubrication and corrosion protection of metallic wear faces running against a variety of polymeric wear materials as well as threaded fasteners, springs, pistons, plain bearings, pressing etc

Outstanding features

- Excellent corrosion protection: Superior to most common plating techniques such as zinc or cadmium plate.
- Completely dry lubricating film: Resists pick up of dust, dirt and other harmful contaminants.
- Good resistance to a broad spectrum of aggressive chemicals.
- Low coefficient of friction; alleviates stick slip behaviour and provides uniform torque tension characteristics on threaded fasteners.
- Reduces wear: Extends component life/ service intervals.
- Reduces risk of seizure.
- Contains no toxic lead or antimony compounds.



Application

Apply by spray, brush, roller or dip spin at supply viscosity. Addition of up to 50% Ipslip 1042 thinner may facilitate dip spin application.

Physical Properties

Appearance	matt black / grey, dry film
Typical thickness	20 ± 5um
Cure temperature	180°C/20 minutes although the coating can be used as an air dry coating with some reduction in mechanical and anti-corrosion properties.
Operating temperature	-220 °C to + 200°C
Corrosion protection (ASTM B117)	500 hrs + when testing at typical thickness over Manganese Phosphate (heat cured) up to 3000hrs when tested at typical thickness over IPSLIP1042 primer.
Theoretical Coverage	8-15m ² /Kg

