

Product Name

ANTICORROSION, MOLYBDENUM DISULPHIDE DRY FILM LUBRICANT FOR HIGH LOAD APPLICATIONS

Product Description

Ipslip 5266 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 5266 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.
- Replacement / alternative for 1 PX1 / Everlube 620e
- 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.
- Over 60% solids
- Can be considerably thinned using our special diluent
- More than 47 % Molybdenum disulphide and corrosion inhibitors in the dry film
- Alternatively, ask for our IP5266 LD at 30% solids



Code Number
IPSLIP – 5266
Concentrate

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, or 1 hour at 150oC although the coating can be used as an air dry coating with some reduction in mechanical and anti-corrosion properties.
Viscosity	100 seconds ISO 4 ; 50 seconds B4
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