

Product Name

## HIGH TEMPERATURE, DRY FILM LUBRICANT

### Product Description

IPSlip LR 1171 produces a durable, bonded coating containing a synergistic blend of finely divided lubricating pigments in a tough, thermally stable 'resin' binder. The system was developed to meet the demands for improved lubrication under high load, fretting wear conditions and provides a thin, hard, low friction coating which is capable of continuous operation at temperature extremes.

### Performance

IPSlip LR1171 is particularly suited to the lubrication and protection of plain bearings, couplings, gears, threaded fasteners, pistons etc operating at extreme temperatures under high loads.

#### Outstanding Features

- Completely dry lubricating film: Resists pick up of dust, dirt and other harmful contaminants.
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- Good resistance to a broad spectrum of aggressive chemicals (Skydrol etc.)
- Uniform friction coefficient: Allows precision tensioning of threaded connections and facilitates easy installation of interference fit components.
- Reduces wear: Extends component life, eliminates pick up and fretting wear.
- Continuously rated to 650°C.
- Graphite free.

### Physical Properties

Typical Thickness	8.15 um.
Cure temperature	80°C/15 minutes, 180°C/30 minutes then 1 hour at 350°C.
Operating temperature	-220°C to + 650°C
Applicable substrates	Most metals including `high heat` nickel/chrome alloys, titanium etc.
Safety:	Refer to Product Safety Data Sheet before use.