

TECHNICAL DATA

OPAL PIN & BUSH

Heavy Duty Grease for Pins and Bushes

Description

Opal Pin & Bush (TSG) is a heavy duty lithium based grease containing molybdenum disulphide and high grade graphite to enhance anti-wear characteristics.

Opal Pin & Bush has been developed as multi purpose open gear and bearing grease for heavy duty mining and industrial equipment.

Opal Pin & Bush grease deposits a thin film of lubricant which clings tenaciously to resist water wash-off, which is ideal for open gear applications. At the same time, its heavy base oil resists squeezing out in plain bearings.

Areas of application

Pins & Bushes and Open Gears on :

- Trucks
- Shovels
- Excavators
- Loaders
- Rotary Dryers and Kilns
- Draglines

Features

- Heavy viscosity base fluid for arduous conditions
- Retains pumpability in cold conditions
- Excellent load carrying capacity
- Transparent film allows gear inspection
- Extends component life
- Reduces lubricant consumption
- Non-bitumastic

The information contained in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided should be used as a guide only as the performance of the product will vary depending on differing operating conditions and application methods.

The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Conditions Of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids excludes all other warranties in relation to this product.

Technical data

	Test Method
Appearance.....	Black grease
Lubricating Solids.....	Molybdenum Disulphide
.....	Graphite
Thickener.....	Lithium
NLGI Classification.....	1 to 1 ¹ / ₂
Worked Penetration (mm X 10 ⁻¹)	300 – 330
Base Fluid Type	Mineral / Synthetic
Base Oil Viscosity at 40°C (cst)	2000
Drop Point (°C).....	190
'4 Ball'	
Weld Load (kg).....	800
Wear Scar (mm).....	0.46
Copper Corrosion Test	A1
Corrosion Resistance	PASS
Temperature Range (continuous)	-10°C to 150°C

Directions for use

Opal Pin & Bush may be applied either manually or by automatic greasing systems.

Storage and Shelf Life

Store in dry conditions between 10°C and 30°C, away from sources of heat and naked flames. Protect from frost. When stored in original sealed containers, the minimum shelf life is four (4) years.

Packaging

Opal Pin & Bush is available in 450g and 20 kg sizes.

Ordering Information:

450g cartridge	#RL355957
20kg pail	#RL355987

Health & Safety Information

The product is non-hazardous. A Material Safety Data Sheet is available from the ITW Polymers & Fluids Technical Department upon request or available on our website www.molybond.com.au .

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