

TECHNICAL DATA

OPAL TUFGEAR

Open Gear Grease

Description

Opal Tufgear (Rocol Tufgear 90) is formulated as a flexible grease film containing molybdenum disulphide which provides exceptional load carrying and wear resistance to a range of open gears.

Opal Tufgear is suitable for the lubrication of open gear mechanisms or heavily loaded pin bush type plain bearings.

Areas of application

- Plain bearings
- Dock yard cranes
- Mobile and overhead cranes
- Open gear mechanisms

Features

- Easily applied in bulk or jumbo cartridges
- Excellent corrosion resistance
- High load resistance
- Thin film resists dust and contamination
- Excellent chemical resistance
- Operating temperature range -5°C to +100°C

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
Thickener.....	Bentone (clay)
NLGI Classification.....	2
Worked Penetration (mm X 10 ⁻¹)	275 – 295
Base Fluid Type	Mineral Oil
Base Oil Viscosity at 40°C (cst)	1000
Drop Point (°C).....	non-melt
'4 Ball'	
Weld Load (kg).....	800
Load Wear Index (kg).....	90
Timken 'OK' Load (kg).....	16
Copper Corrosion Test	A1
Temperature Range (continuous)	-5°C to 100°C

Directions for use

Opal Tufgear may be applied manually by spatula or brush. No heating is necessary.

Opal Tufgear is uniquely packaged so that it can also be applied using a jumbo size caulking gun.

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 Tufgear is available in 900g and 20 kg sizes.

Ordering Information:

900g Jumbo Cartridge	#RY460610
20kg pail	#RY460621

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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