

TECHNICAL DATA

MOLYBOND GH101

Open gear grease for high speed ball mills

Description

Molybond GH101 is a heavy duty lithium hydroxy stearate based open gear lubricant. GH101 contains molybdenum disulphide to enhance overall anti-wear characteristics plus a blend of additives to provide excellent load carrying properties. When applied GH101 leaves a transparent film which enables easy identification of gear faults which are hidden by bitumastic products.

Areas of application

- Ball mills
- Sugar mill gears
- Winch gears
- Heavy duty plain bearings

Features

- Prolongs open gear life
- Reduces lubricant consumption
- Transparent for ease of inspection
- High load carrying capacity

Directions for use

In most applications lubricant consumption is in the order of one quarter to one sixth of the volume of bitumastic lubricants. The product is suitable for both manual and automatic lubrication system.

Technical data

	Test Method
Appearance	Black Grease
Lubricating Solids	Molybdenum Disulphide
Thickener	Lithium
NLGI Classification	1
Worked Penetration (mm x 10-1).....	310 to 340
Base Fluid Type.....	Mineral / Synthetic
Base Oil Viscosity at 40°C (cst).....	2000
Apparent Viscosity at 100°C (210°F) (cst) .	1000
Drop Point (°C)	190
'4 Ball' Weld Load (kg)	800
Wear Scar (mm).....	0.46
Timkin 'OK' Load (kg).....	30
Falex Load Carrying Capacity (kg)	1035
Copper Corrosion Test	1A
Corrosion Resistance	PASS
Pumpability	Lincoln Ventmeter, psi @-1°C/+30°C<400
Temperature Range (Continuous)	-10°C - 150°C

The information enclosed in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided in this Technical Bulletin 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 Pty Ltd Conditions of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids Pty Ltd excludes all other warranties in relation to this product.

Health & safety information

The product is hazardous. A Material Safety Datasheet is available from the Rocol Customer Services Department upon request.

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