

SG 1000 M 50

A Sheer Stable EP Fortified Water Resistant Grease for High Load Applications

Benefits :

- High viscous oil fortified with EP additives enables it to withstand extreme pressure.
- Outstanding shear stability even in the presence of water.
- Excellent water resistance properties.
- Guards against rust and corrosion.
- Solid lubricant MoS₂ provides good antiwear and load carrying capabilities.
- Good pumpability.
- Contains no heavy metals harmful to human health. • Environment friendly.

Applications :

- **SG 1000 M 50** is suitable for slow moving heavy duty applications in steel strip mills, agricultural machinery, rubber mills, paper mills, cement mills and hot and cold rolling mills.
- For work roll and back up roll bearings, low rpm motor bearings, geared couplings, supporting bearings and various other bearings subjected to extreme pressures or located in shock load zones.
- Product is designed with high base oil viscosity and is therefore not recommended for relatively fast moving bearings as the high viscosity in all probability may cause internal friction and lead to increased operating temperatures.

Characteristics	Test Method	Unit	Specification
Appearance	Visual	–	Smooth tacky
Colour	Visual	–	Greyish black
Base [Thickener]	–	–	Lithium - Calcium
Base oil	–	–	Mineral
Base Oil Viscosity @ 40°C	ASTM D-445	cSt	1000
NLGI Grade	-	-	# 2
Worked Penetration	ASTM D-217	0.1 min	265 – 295
Dropping Point	ASTM D-2265	°C	> 180
Water Washout @ 80°C, wt. loss	ASTM D-1264	%	<=2.0
Four Ball Weld load	ASTM D-2596	N	5000
Four Ball Wear Scar	ASTM D-2266	mm	0.4
Copper Strip Corrosion Test	ASTM D-4048	Rating	1a
Operating Temperature Range	–	°C	-20/+150

MSDS available on request.

Due to continual upgradation of products above data is subject to change without notice.

This supersedes our previously issued data sheets.

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Information and data given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of a product for a particular use is beyond our control; all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.

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