

## SG 1000

*A Sheer Stable EP Fortified Water  
Resistant Grease For  
High Load Applications*

### Benefits :

- Excellent lubricating grease with capability to withstand extreme pressure.
- Outstanding shear stability even in the presence of water.
- Excellent water resistance properties.
- Guards against rust and corrosion.
- Exhibits good antiwear and load carrying capabilities.
- Contains no heavy metals harmful to human health. • Environment friendly.

### Applications :

- SG 1000 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	Specifications
Appearance	Visual	–	Smooth
Colour	Visual	-	Amber
Base [Thickener]	–	–	Lithium - Calcium
Base oil	–	–	Mineral
Base Oil Viscosity @ 40°C	ASTM D-445	cSt	900 – 1100
NLGI Grade	-	-	# 2
Worked Penetration After 60/60 strokes After 100,000 strokes	ASTM D-217 -	0.1 mm -	265 – 295 < 5% change
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	-30/+150

Marginal variation in shade can be expected from batch to batch. The color has no effect on the lubricating properties of the product.

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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