

SG 180 / SG 500

Shear Stable Water Resistant Grease



YOUR BENEFITS

- ✔ High-quality lubricating grease with good shear stability.
- ✔ Medium to high base oil viscosity to give increased load-carrying capacity.
- ✔ Chosen EP and anti-wear properties for counter extreme pressures and provide wear protection.
- ✔ Excellent water resistance property including hot and cold water.
- ✔ High-temperature oxidation stability.
- ✔ Performs well in moist, dusty and adverse conditions.
- ✔ Guards against rust and corrosion.
- ✔ Soft grade penetration for easy pump ability.

APPLICATION

- ✔ Product ideally suited for slow to moderate speed heavy duty applications.
- ✔ For applications where bearings are exposed to heavy water ingress or operating under very humid conditions.
- ✔ Industries include steel manufacturing, rubber mills, hot & cold rolling mills, sugar, chemical, fertilizers, heavy engineering, offshore ...
- ✔ Product not designed for very fast moving components.

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CHARACTERISTICS	TEST METHOD	UNIT	SG 180	SG 500
Appearance	Visual	-	Smooth	Smooth Tacky
Colour	Visual	-	Light Amber	Light Amber
Base [Thickener]	-	-	Special Soap	Special Soap
Base oil	-	-	Mineral	Mineral
Base Oil Viscosity @40°C	ASTM D 445	cSt	170-190	450 – 550
NLGI Grade	-	-	# 2	# 2
Worked Penetration	ASTM D 217	0.1mm	265 - 295	265 - 295
Dropping Point	ASTM D 2265	°C	+180	+180
Water Washout @80°C, wt. loss	ASTM D 1264	%	<=3	<= 2.00
Four Ball Weld Load	ASTM D 2596	Kgs	200	400
Four Ball Wear Scar	ASTM D 2266	mm	NMT 0.5	NMT 0.45
Copper Strip Corrosion Test	ASTM D 4048	Rating	1a	1a
Operating Temperature Range	-	°C	-20/+140	-20/+150

INDUSTRY:

MRO

PACK SIZE:

1 Kg / 5 kg / 20 kg Bucket
180 kg Drum

SHELF LIFE:

24 Months

The values quoted above are typical and do not constitute a specification.

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.

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 assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.