

SGH 460 Premium

Special Complex Heavy Duty High Temperature Water Resistant Grease



YOUR BENEFITS

- ✔ Very high load carrying capacity.
- ✔ High base oil viscosity selection ensures higher working loads on bearings.
- ✔ Good wear protection
- ✔ Chosen EP & Antiwar additives.
- ✔ Excellent resistance to hot & cold water ingress with no major change in consistency due to high amount of water addition.
- ✔ High dropping point in excess of +300° C fortified with anti oxidants makes SGH 460 Premium a good choice for high temperature service.
- ✔ Does not harden prematurely.
- ✔ Capable of withstanding high shock loads.
- ✔ Excellent mechanical & chemical stability.

APPLICATION

- ✔ Most suited for high load, water resistance & high temperature bearings in steel, paper mills, mining, Stone crushing, heavy engineering, animal feed & other industries.
- ✔ Product not recommended for very high speed bearings.
- ✔ Ideal choice for slow moving plain & roller bearings with high loads, shocks & vibrations.
- ✔ Most suitable for high temperature bearings as grease does not gel or cake at elevated temperatures.

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CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	Visual	-	Smooth tacky
Colour	Visual	-	Green
Base [Thickener]	-	-	Special Metal Complex
Base Oil	-	-	Refined Mineral Oil
Base Oil Viscosity @ 40°C	ASTM D 445	cSt	460
NLGI Grade	-	-	# 2
Worked Penetration	ASTM D 217	0.1 min	265 - 295
Dropping Point	ASTM D 2265	°C	+ 300
Water Washout @ 80°C, wt. loss	ASTM D 1264	%	< 3
Four Ball Weld load	ASTM D 2596	Kgs	600
Four Ball Wear Scar	ASTM D 2266	mm	0.42
Copper Strip Corrosion Test	ASTM D 4048	Rating	1b
Operating Temperature Range	-	°C	-20 / +200

INDUSTRY:

Pulp & Paper

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.