

SGH 100 S

Special Organic Complex High Temperature Water Resistant Grease

Benefits :

- High load carrying capacity and good shear stability.
- Good thermal stability due to high dropping point in excess of 250°C.
- Excellent water washout property with no significant change in consistency with addition of high amounts of water.
- Wide range operating temperature band of (-) 20 to (+) 225° C.
- Guards against rust & corrosion.
- No premature hardening.
- Specially designed for thermal shocks & high temperatures.
- Good mechanical & chemical stability.

Applications :

- For use in ball & roller bearings, antifriction bearings in high temperature & humid areas.
- Application areas include furnace bearings, rollers in foundry, pumps, motors, agitators, ID & FD fans, furnace door hinges & other hot areas around 225°C.
- For use in bearings & other areas in small assemblies like starters and wipers.
- Industries include steel, construction, civil engineering, agriculture, automobiles, cement, paper, marine, chemical plants and auto ancillaries etc.

Characteristics	Test Method	Unit	Specifications
Appearance	Visual	–	Smooth
Colour	Visual	–	Brownish
Base [Thickener]	-	-	Sp. Organic Complex
Base Oil	-	-	Mineral
Base Oil Viscosity @ 40°C	ASTM D-445	cSt	220
NLGI Grade	–	–	# 2
Worked Penetration	ASTM D-217	0.1 mm	265 – 295
Dropping Point	ASTM D-2265	°C	+265
Water Washout @ 80°C, wt. loss	ASTM D-1264	%	< 2
Copper Strip Corrosion Test	ASTM D-4048	Rating	1a
Operating Temperature Range	–	°C	-20/+225

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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