

PUG 9000 Series

Long Life Synthetic High Temperature Grease

Benefits :

- Long life high temperature grease with extended re lubrication periods.
- Good sealing properties.
- Synthetic base oil and organic thickener makes the product highly stable at elevated temperatures.
- Does not harden or form solid residue.
- Easily pump able with no clogging in centralized lubricating lines.
- Resists water washout, oxidation and inhibits corrosion.
- Extremely beneficial in prolonging life of bearings subjected to high thermal stresses and exposed to corrosive environment.
- Wide operating temperature band of -30 to +200°C with short time peak temperature resistance +230°C.

Applications :

- For high temperature bearings such as in annealing, drying furnaces, conveyors, cooling beds, manipulators, rotary kilns, hot air blowers, waste gas fans, ovens, certain high temperature electric motors, exhaust fans and many others.
- Industries include steel, mining, heat treatment plants, bakeries, cement, refineries, casting, chemical plants, auto ancillaries and many others.

Characteristics	Test Method	Unit	PUG 9500 HS	PUG 9100 HS
Appearance	Visual	–	Soft Smooth	Soft Smooth
Color	Visual	–	Creamish	Creamish
Base Oil	-	-	Synthetic	Synthetic
Base (Thickener)			Polyurea	Polyurea
Base Oil Viscosity @ 40°C	ASTM D-445	cSt	400	100
Base Oil Flash Point [min.]	ASTM D-92	°C	+280	+280
NLGI Grade	–	–	2	2
Worked Penetration	ASTM D-217	0.1 mm	265 – 295	265- 295
Dropping Point	ASTM D-566	°C	+250	+ 250
Water Washout @ 80°C, wt. loss	ASTM D-1264	%	3 max.	3 max
Oxidation Resistance, Pressure Drop 100h/ 99°C	ASTM D - 942	psig	0.25 max	0.25 max
Copper Strip Corrosion 24h / 100°C	ASTM D-4048	Rating	1b	1b
Operating Temperature Range Short Term Peak Resistance	–	°C	-30/+200 +230	-30/+200 +230

CTM* = Corporate Test Method

Application Notes:

- Prior to application of Grease PUG 9500 H/S we recommend bearings or parts should be thoroughly cleaned preferably with a universal cleaner degreaser like MOLYGRAPH® **U-KLEEN**.
- Grease can be filled manually, with a grease gun or with a centralized lubrication system.
- Do not mix MOLYGRAPH® **PUG 9500 HS & PUG 9100 HS** with grease of any other base.

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

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

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