

SYG-990 Silicon Grease

Description

SYG-990 is high performance lubricating grease based on special heat resistant ingredients and additive package. Grease is suitable for long term or lifetime lubrication of plain, ball and roller bearing operating at normal to medium loads under high temperature conditions. It is non ageing and structurally very suitable grease in NLGI consistency No. 2 range it is resistant to hot and cold water and mild presence of alkaline or acid atmosphere. It also protects against corrosion and wear is pumpable through centralized lubrication systems. It is pressure resistant and the NS-G version has very good load carrying capacity.

Registered by NSF (Class H1) for use where there is potential for incidental contact with food. These products meet the former guidelines (1998) of the US Department of Agriculture Food Safety and Inspection Service (USDA FSIS) for H1 use (lubricant with incidental food contact) and listed in Miscellaneous Publication No 1419 "List of Proprietary Substances and Nonfood Compounds". Product contains only substances permitted under US 21 CFR 178.3570, 178.3620 and 182 for use in lubricants with incidental food contact.

SYG-990 is capable of withstanding high temperature in the range of -60°C to 250 on continuous operation. It performs excellently at Dm.n factors up to 100,000 and satisfactorily at Dm.n factors up to 200,000.

Applications

SYG-990 is recommended for all bearings which have to be operated under high thermal stresses such as in paint curing ovens. Also for hot air blower fan bearings in textile, plastics, wood working and food industries. They work well in steam-heated calendar and drying cylinder bearing with normal relubrication intervals in paper, textile and plastic industries. For bearings working at temperatures up to 150°C and normal operating conditions, it can be used for life time lubrication. Also recommended for bearings operating in slightly acidic or alkaline atmosphere e.g. in textile machinery, tanneries, phosphatizing equipment or immersion baths which generate aggressive fumes.

Typical Properties

SYG-990 Silicon Grease	
Color	Crems White
Drop Point °C ASTM D 566	None
NLGI Grade	2
Worked Penetration 60/60 strokes ASTM D217	265-295
Water Resistant up to 90°C DIN 51807	Completely Resistant
Emcor Antirust test Rating IP 220	0
Four Ball weld Load, Kg ASTM D 2596	260
Temperature °C	-60 to 250

Remarks:

Bearing should only be filled half way for optimum results. Before initial filling, thoroughly remove the left over grease and clean the bearing.
Do not mix with other lubricating grease

* All related specifications are met or exceeded.
Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.
The Material Safety Data Sheet (MSDS) are available upon request through our sales office.

Available Packs:

- 50, 100, 200 gram tubes
- 5, 18, 180 Kg.