MOLYKOTE® 41 Extreme High Temperature Bearing Grease

Silicone grease that can be used at temperatures higher than those of normal silicone greases

Features

- Does not melt, even at high temperatures
- Superior thermal stability
- Superior oxidation resistance
- Water-resistant

Composition

- Silicone oil
- Carbon black
- Corrosion inhibitor

Applications

Ideal for use in oven conveyors, kiln dollies, molten salt evacuation pumps, steam turbine regulator links, knife-edge power breakers, etc.

How to use

Clean points of application. As is usual with lubricating greases, apply or fill by means of a brush, spatula, or automatic lubrication device.

Do not use on painted surfaces. Do not use on steel bearing under high loads.

Handling precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

Usable life and storage

When stored, unopened, in a cool, dark place, this product has a usable life of 60 months from the date of production.

Packaging

This product is available in 1 kg cans.

Typical properties

Specification writers: These values are not intended for use in preparing specifications. Please contact your local MOLYKOTE® sales representative prior to writing specifications on this product.

Standard[(1)]	Test	Unit	Result
	Appearance		Black
	Base oil viscosity at 25°C	mm^2/s	316
JIS K 2220	Penetration (worked 60 times)	mm/10	260 to 300
	NLGI class		2
	Service temperature range	°C	-20 to 290
	Density	g/cm^3	1.1
JIS K 2220	Drop point	°C	None
MIL S 8660	Bleed (150°C/24 hours)	%	4.0
MIL S 8660	Evaporation (150°C/24 hours)	%	1.0
JIS K 2220	Water washout (38°C/1 hour)	%	0.5
ASTM D2596	Four ball weld load (1,500 rpm/1 minute)	N	1,500
	Maximum Dn value	mm/ minute	75,000

[(1)]JIS: Japanese Industrial Standard. ASTM: American Society for Testing and Materials. MIL: Military Specification and Standards.

Form No. 80-3096B-01 (12/21) AGP16477