chanhvinh.com

MOLYKOTE® 44 Medium High Temperature Grease

Grease that can be used in a broad range of temperatures and, in particular, can be used on high-temperature bearings

Features

- Low evaporation
- Superior oxidation resistance
- Broad range of service temperatures
- Superior low-temperature characteristics
- Compatible with most plastics
- Water-resistant
- No intentional polytetrafluoroethylene (PTFE) or per- and polyfluoroalkyl substances (PFAS)

Composition

- Silicone oil
- Lithium soap

Applications

Ideally suited for use on bearings in oven fans, textile dryers, conveyors, kiln preheaters, etc. Also for use on clutch release bearings for automobiles, plastic parts, and so forth.

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.

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.

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		White to off-white
	Kinematic base oil viscosity at 25°C	mm^2/s	125
CTM0190	Penetration (worked 60 times)	mm/10	240 to 280
	NLGI class		2 to 3
	Service temperature range	°C	-40 to 200
	Density	g/cm^3	1.0
IP 396/02	Drop point	°C	227
ASTM D6184	Bleed (150°C/24 hours)	%	2.5
ASTM D6184	Evaporation (150°C/24 hours)	%	2.0
DIN 51808	Oxidative stability (99°C/100 hours)	Mbar (MPa)	=<100 (=<0.01)
DIN 51807, part 2	Water washout (38°C)	%	1.0
	Maximum Dn value	mm/minute	300,000

(1)DIN: Deutsche Industrie Norm. ASTM: American Society for Testing and Materials. IP: Energy Institute. CTM: Corporate Test Method.

Packaging

This product is available in different standard container sizes as shown on **molykote.com**. Detailed container size information should be obtained from your nearest MOLYKOTE® sales office or MOLYKOTE® distributor.

chanhvinh.com

Limitations

Do not use on painted surfaces.

DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, ℠ or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted.
© 2002-2024 DuPont.

The information set forth herein is furnished free of charge and is based on technical data that DuPont believes to be reliable and falls within the normal range of properties. It is intended for use by persons having technical skill, at their own discretion and risk. This data should not be used to establish specification limits nor used alone as the basis of design. Handling precaution information is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Since conditions of product use and disposal are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. As with any product, evaluation under end use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate or a recommendation to infringe on patents.

Form No. 80-3094F-01 NA (01/24) AGP17374