

MOLYKOTE® HP-670 Grease

Low-operational-torque fluorinated grease

Features & benefits

- Wide service-temperature range (-65 to 250°C)
- Excellent fuel and chemical resistance
- Compatibility with most rubbers and plastics
- Low operational torque
- Long service life with low evaporation loss

Composition

- Perfluoropolyether oil
- Fluorinated polymer

Applications

Automotive engine control parts, electrical equipment and micro bearings.

Description

MOLYKOTE® HP-670 Grease is specialty grease thickened with perfluoropolyether and PTFE powder. MOLYKOTE® HP-670 Grease provides extraordinary performance under extreme conditions with long service life.

How to use

Clean points of lubrication. As is usual with lubricating grease, apply or fill by means of brush, spatula, or automatic filling 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 at or below 40°C (104°F) in the original unopened containers, this product has a usable life of 36 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
	Service temperature range	°C	-65 to 250
JIS K 2220	Penetration (60 worked)		280
JIS K 2220	Density	g/cm ³	2.0
SAE AS 8660	Bleed (24 hours, 200°C)	%	7.0
SAE AS 8660	Evaporation (24 hours, 200°C)	%	0.3
ASTM D2266	Four ball wear scar (1,200 rpm, 392 N, 1 hour)	mm	0.90
JIS K 2220	Low-temperature torque (-20°C)		
	Starting torque	mN*m	32
	Running torque	mN*m	18
JIS K 2220	Low-temperature torque (-40°C)		
	Starting torque	mN*m	53
	Running torque	mN*m	31

⁽¹⁾JIS: Japanese Industrial Standard. ASTM: American Society for Testing and Materials.

Packaging

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

*DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted.
© 2015-2019 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.