

Dow Corning MOLYKOTE® G-4700 EXTREME PRESSURE SYNTHETIC GREASE

Category : Fluid , Lubricant , Lithium Gellant , Polyalphaolefin (PAO)

Material Notes:

Synthetic (PAO) extreme pressure grease
Features: Long-term lubrication for moderate loads at higher speeds, especially for food-contact applications for where a white grease is preferred. Formulated to provide higher load carrying capacity, greater wear resistance and longer service life compared with conventional petroleum-based lubricants. Synthetic NLGI#2 grease, consisting of a unique formulation that includes polyalphaolefin (PAO) base oil, lithium complex thickener, molybdenum disulfide (MoS₂) and other fortifiers.
Applications: Lubricating metal working machines, motors, fans, blowers, conveyors, wheel bearings and custom machinery in non-food-related applications where heavy duty, long-lasting lubrication is desired.
Base Oil: Polyalphaolefin
Listing/Specification: Color(s): Thickener: Lithium complex
NLGI#: 2
 Information provided by Dow Corning

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-Corning-MOLYKOTE-G-4700-EXTREME-PRESSURE-SYNTHETIC-GREASE.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.870 g/cc @Temperature 25.0 °C	0.870 g/cc @Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	399.9 kg	881.8 lb (mass)	
Penetration P(60), 1/10 mm	265 - 295	265 - 295	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	177 °C	351 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	
Dropping Point	285 °C	545 °F	

Descriptive Properties	Value	Comments
NLGI Number	2	
Thickening System	lithium complex	

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