

Specialty
Lubricants

MOLYKOTE® Multilub High Performance Grease

FEATURES

- Good load-carrying capacity
- Suitable for long-term lubrication by virtue of low oil evaporation
- Good water washout resistance
- Good corrosion protection (degree of corrosion 0-1 in the SKF-Empcor test)
- Good oxidation resistance
- Reduction of wear and scoring

COMPOSITION

- Mineral oil
- Lithium soap
- EP additive
- Corrosion inhibitors

High-performance grease for metal/metal combinations involving slow to fast movements and medium to high loadings

APPLICATIONS

- Lubrication contacts with light to medium loadings and low to high speeds, even in the presence of moisture and spray.
- Used on roller bearings, plain bearings, sliding guides, roller guides, ball-and-socket joints, splined shafts and threaded spindles.
- Used for chassis lubrication on cranes, fork lift trucks and lifting apparatus.

TYPICAL PROPERTIES

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

Standard*	Test	Unit	Result
	Color		Yellowish beige
	Consistency, density, viscosity		
DIN 51 818	NLGI consistency class		2
ISO 2137	Worked penetration	mm/10	265-295
ISO 2811	Density at 20°C	g/ml	0.87
DIN 51 562	Base oil viscosity at 40°C	mm ² /s	114
	Temperature		
	Service temperature	°C	-25 to +120
	Load-carrying capacity, wear protection, service life		
	Four-ball tester (VKA)		
DIN 51 350 pt.4	Weld load	N	2200
DIN 51 350 pt.5	Wear scar under 800N load	mm	0.8
	Speed		
	DN value ¹	mm/min	450,000
	Corrosion protection		
DIN 51 802	SKF-Empcor method		
	Degree of corrosion		1

1. DN values are calculated approximations and will vary widely with temperature, load and bearing type.

* ISO: International Standardisation Organisation

DIN: Deutsche Industrie Norm

HOW TO USE

How to apply

Clean points of contact. Apply in same way as lubricating grease, using brush, spatula, grease gun or automatic lubricating device. Suitable for delivery by central lubricating system.

HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE,

PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE FROM YOUR LOCAL DOW CORNING SALES REPRESENTATIVE.

USABLE LIFE AND STORAGE

When stored at or below 20°C in the original unopened containers, this product has a usable life of 60 months from the date of production.

PACKAGING

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

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Health, Environment and Regulatory Affairs specialists available in each area.

For further information, please consult your local Dow Corning representative.

WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Dow Corning's products are safe, effective, and fully satisfactory for the intended end use. Dow Corning's sole warranty is that the product will meet the Dow Corning sales specifications in effect at the time of shipment. Your

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