



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-Emscor 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
	<b>Consistency, density, viscosity</b>		
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 <sup>2</sup> /s	114
	<b>Temperature</b>		
	Service temperature	°C	-25 to +120
	<b>Load-carrying capacity, wear protection, service life</b>		
	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
	<b>Speed</b>		
	DN value <sup>1</sup>	mm/min	450,000
	<b>Corrosion protection</b>		
DIN 51 802	SKF-Emscor 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

exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. Dow Corning specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless Dow Corning provides you with a specific, duly signed endorsement of fitness for use, Dow Corning disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.