

## MOLYKOTE® MULTILUB HIGH PERFORMANCE GREASE

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

### 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-Emcor test)
- ◆ Good oxidation resistance
- ◆ Reduction of wear and scoring

### COMPOSITION

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

### 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

Specifications writers: These values are not intended for use in preparing specifications. Please contact Dow Corning GmbH, Wiesbaden, Germany before writing specifications on this product.

Standard*	Test	Units	Result
	Colour		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-Emcor 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

A Product Safety Data Sheet should be obtained from your nearest Dow Corning sales office prior to use.

ATTENTION: Before handling, read product information, Product Safety Data Sheets and container labels for safe use, and any physical and/or health hazard information.

### 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.

Dow Corning will guarantee the usable life of this product until the date indicated on the packaging. This date is shown by the letters "EXP" (meaning Expiry) followed by 4 digits, which stand for the month (last day) and year. Example: "EXP 03/99" means use by 31 March 1999.

### PACKAGING INFORMATION

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

Dow Corning's Health, Environment and Regulatory Affairs (HERA) Department is available to support customers for their product safety needs. For further information, you can contact this group at:

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