

MOLYKOTE® M 55 PLUS DISPERSION

Black dispersion of solid lubricants in mineral oil.

FEATURES

- ◆ Increases load carrying capacity
- ◆ Reduces friction and wear
- ◆ Reduces running noise
- ◆ Improves running-in
- ◆ Emergency running properties
- ◆ Prevents and reduces pitting in gears

COMPOSITION

- ◆ Mineral oil
- ◆ Molybdenum disulphide
- ◆ Dispersant

APPLICATION

- ◆ Used successfully as an additive for mineral oils.

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		Black
	Density, viscosity		
ISO 2811	Density at 20°C	g/ml	0.91
4 DIN 53 211	Viscosity	s	73.2
	Temperature		
	Service temperature	°C	Depends on the lubricating oil used
	Load-carrying capacity, wear protection		
	Four-ball tester (VKA)		
DIN 51 350 pt.4	Weld load	N	3000
DIN 51 350 pt.5	Wear scar under 800N load	mm	1.35

* ISO: International Standardisation Organisation
DIN: Deutsche Industrie Norm

HOW TO USE

How to apply

Add to lubricating and gear oils in amounts of 5% by volume; 10% for particularly heavy stress. Not to be added to aqueous metalworking emulsions. Can be used in all lubrication systems, such as drip oilers, central lubricating systems, etc. Use undiluted to improve the operation of hot-boxes.

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 12 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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