



# MOLYKOTE® M 55 Plus Dispersion

## 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

## Black dispersion of solid lubricants in mineral oil.

## APPLICATIONS

- Used successfully as an additive for mineral oils.

## 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		Black
	<b>Density, viscosity</b>		
ISO 2811	Density at 20°C (68°F)	g/ml	0.91
4 DIN 53 211	Viscosity	s	73.2
	<b>Temperature</b>		
	Service temperature	°C	Depends on the lubricating oil used
	<b>Load-carrying capacity, wear protection</b>		
	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

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 (68°F) in the original unopened containers, this product has a usable life of 18 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.