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 disulfide
- Dispersant

Applications

Used successfully as an additive for mineral oils.

How to use

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 IN THIS DOCUMENT. BEFORE HANDLING, READ SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION.

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 MOLYKOTE® sales office or MOLYKOTE® distributor.

Typical properties

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

Standard(1)	Test	Unit	Result
	Color		Black
Density, viscosity			
ISO 2811	Density at 20°C (68°F)	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	3,000
DIN 51 350 pt.5	Wear scar under 800 N load	mm	1.35

(1)ISO: International Standardization Organization DIN: Deutsche Industrie Norm.

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