

MOLYKOTE® A SOLID-LUBRICANT DISPERSION

Solid-lubricant dispersion in mineral oil for metal/metal combinations involving medium to high loads and speeds

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
- ◆ Stabilizers

APPLICATIONS

- ◆ Suitable for oil-lubricated friction surfaces which require additional lubrication to reduce wear and extend service life.
- ◆ Successfully used as an additive to oil, on highly stressed plain and roller bearings, guides, spindles, gears and internal combustion engines.

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	Unit	Result
	Colour		Black
	Density, viscosity		
ISO 2811	Density at 20°C	g/ml	0.89
4 DIN 53 211	Viscosity	s	12.5
	Temperature		
	Service temperature	°C	Depends on the oil to which MOLYKOTE A is added
	Load-carrying capacity, wear protection, service life		
DIN 51 350 pt.4	Weld load	N	2400
DIN 51 350 pt.5	Wear scar under 800N load	mm	1.5
	Particle size		
DIN 51 832	Particle size	µm	3.8

HOW TO USE

How to apply

Add to engine oils in proportion of 3% by volume, 5% to lubricating and gear oils, and 10% for particularly heavy stress. Can be used in all lubrication systems, such as drip oilers, central lubricating systems etc.

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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