



**Specialty
Lubricants**

**MOLYKOTE® A
Solid-lubricant 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
- Stabilizers

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

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

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
	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.

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 in the original unopened containers, this product has a usable life of 60 months from the date of production.

HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER

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.