

MOLYKOTE® M 30 Dispersion

Black dispersion of solid lubricants in synthetic oil

Features

- Fluid lubrication up to +200°C (392°F)
- Dry lubrication up to +450 C (842°F)
- No resinification

Composition

- Synthetic oil
- Molybdenum disulfide
- Dispersant

Applications

Used successfully on chains and rollers of conveyor belts.

How to use

Clean areas of contact before first application. Apply using brush, oil can, spray gun or drip oiler. Can also be used with metering equipment and automatic spray devices. Do not mix with grease or oils.

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 12 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 | | | |
| DIN 51 757 | Density at 20°C (68°F) | g/ml | 1.0 |
| DIN 51 562 | Base oil viscosity at 40°C (104°F) ⁽²⁾ | mm ² /s | 120 |
| Temperature | | | |
| | Upper service temperature limit | °C | Fluid lubrication up to +200; dry lubrication up to +450 |
| | Upper service temperature limit | °F | Fluid lubrication up to 392; dry lubrication up to 842 |
| Load-carrying capacity, wear protection | | | |
| Four-ball tester (VKA) | | | |
| DIN 51 562 pt.2 | Weld load | N | 2,000 |
| DIN 51 350 pt.3 | Wear scar under 800 N load | mm | 1.02 |
| Almen-Wieland machine | | | |
| | OK load | N | 20,000 |

⁽¹⁾DIN: Deutsche Industrie Norm.

⁽²⁾Calculated viscosity value of base oil mixture.

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