

Specialty Lubricants

MOLYKOTE® HTF Dispersion

White dispersion of solid lubricants in mineral oil

FEATURES

- High load-carrying properties
- Formation of a separating lubricant layer between tool and machine
- Wide temperature range (-20°C/-4°F to +1150°C/2102°F)
- The mineral oil content volatilizes at high temperatures without leaving any residue
- Extends the service life of tools

COMPOSITION

- Mineral oil
- Solid lubricant
- Stabilizer
- Thickener

APPLICATIONS

- Separation and lubrication at high temperatures.
- Used successfully for the hot-rolling of tools and the drop-forging of taper plugs made from Ms 58.

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		White
	Density, viscosity		
DIN 53 217	Density at 20°C (68°F)	g/ml	0.86
4 DIN 53 211	Viscosity	s	29
	Temperature		
	Service temperature range ¹	°C	-20 to +1150
		°F	-4 to +2102
	Load-carrying capacity, wear protection		
	Four-ball tester (VKA)		
DIN 51 350 T.2	Weld load	N	2100
DIN 51 350 T.3	Wear scar under 800N load	mm	1.5

1. Temperature resistance of solid lubricants.

* DIN: Deutsche Industrie Norm.

HOW TO USE

How to apply

Stir well before use. Apply, without thinning, by means of a brush or spray, to cleaned machines or tool. Can also be applied using automatic spray units (tube cross section >3mm).

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 material safety data sheet is available on the Dow Corning website at www.dowcorning.com. You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

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 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 Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, www.dowcorning.com or consult your local Dow Corning representative.

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