

## MOLYKOTE® HTF DISPERSION

### White dispersion of solid lubricants in mineral oil

#### FEATURES

- ◆ High load-bearing properties
- ◆ Formation of a separating lubricant layer between tool and machine
- ◆ Wide temperature range (-20°C to +1150°C)
- ◆ 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

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	Units	Result
	Colour		White
	<b>Density, viscosity</b>		
DIN 53 217	Density at 20°C	g/ml	0.86
4 DIN 53 211	Viscosity	s	29
	<b>Temperature</b>		
	Service temperature range <sup>1</sup>	°C	-20 to +1150
	<b>Load-carrying capacity, wear protection</b>		
	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 >3 mm).

#### 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 12 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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