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 +1,150°C/2,102°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.

How to use

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

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		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[2]	°C °F	-20 to +1,150 -4 to +2,102
Load-carrying capacity, wear protection			
	Four-ball tester (VKA)		
DIN 51 350 T.2	Weld load	N	2,100
DIN 51 350 T.3	Wear scar under 800 N load	mm	1.5

[1]DIN: Deutsche Industrie Norm.
[2]Temperature resistance of solid lubricants.

DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, ℠ or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted.
© 1997-2019 DuPont.

The information set forth herein is furnished free of charge and is based on technical data that DuPont believes to be reliable and falls within the normal range of properties. It is intended for use by persons having technical skill, at their own discretion and risk. This data should not be used to establish specification limits nor used alone as the basis of design. Handling precaution information is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Since conditions of product use and disposal are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. As with any product, evaluation under end use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate or a recommendation to infringe on patents.

Form No. 71-0204D-01 (09/19) AGP16142