

MOLYKOTE® DX PASTE

Light-coloured grease-paste with solid lubricants for assembly and long-term lubrication of metallic components

FEATURES

- ◆ Particularly high load-carrying capacity
- ◆ Good water-resistance and water-washed resistance
- ◆ Prevents stick-slip and seizure
- ◆ Good corrosion protection
- ◆ Excellent protection against galling
- ◆ Cleanness

COMPOSITION

- ◆ Mineral oil
- ◆ Lithium soap
- ◆ Solid lubricants
- ◆ Corrosion inhibitor

APPLICATIONS

- ◆ Sliding surfaces and friction contacts exposed to heavy loads, requiring "clean" lubrication, especially at low to medium speeds.
- ◆ Used successfully, for example, on many friction contacts of electrical and domestic appliances, packaging and office machinery, precision instruments, machinery in foodstuffs and beverages industry, as well as in textile and plastics processing machinery.

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	Unit	Result
	Colour		White
	Consistency, density, viscosity		
ISO 2137	Unworked penetration	mm/10	285-315
ISO 2811	Density at 20°C	g/ml	1.1
DIN 51 562	Base oil viscosity at 40°C ¹	mm ² /s	110
	Temperature		
	Service temperature	°C	-25 to +125
ASTM-D-1478-80	Low temperature torque test at -20°C		
	Initial break-away torque	Nm	124x10 ⁻³
	Torque after 20 minutes running time	Nm	63x10 ⁻³
DIN 51 805	Kesternich method - flow pressure at -20°C	mbar	200
	Load-carrying capacity, wear protection		
	Four-ball tester (VKA)		
DIN 51 350 pt.4	Weld load	N	4800
DIN 51 350 pt.5	Weld scar under 800N load	mm	0.75
	Almen-Wieland machine		
	OK load	N	20000
	Friction force	N	1560
	Coefficient of friction		
	Press-Fit test $\mu =$		0.10, no chatter
	Resistance		
DIN 51 807 pt.1	Water resistance, static evaluation step		2-90
DIN 51 808	Oxidation resistance, pressure drop 100h, 99°C	bar	0.8

TYPICAL PROPERTIES (continued)

Standard	Test	Unit	Result
	Corrosion protection		
DIN 51 802	SKF-Emcors method		
	Degree of corrosion		2-3
	Fretting corrosion - Deyber tester		>36x10 ⁶
	Oil separation		
DIN 51 817	Oil separation, standard test	%	3.8

1. Calculated viscosity value of base oil mixture.

HOW TO USE

How to apply

The contact points should be cleaned, wherever possible. Paste should be applied using a suitable brush. It can be delivered by a grease gun or central lubricating system. Excess lubrication does not harm.

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 60 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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