UTENSILI PER PROFESSIONISTI DAL 1913

SCHEDA TECNICA

Pasta con solidi bianchi per pressioni estreme

DX

Art. K 3930/2



0,05 kg



1 kg

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Product Information

Specialty Lubricants

MOLYKOTE® DX Paste

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

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

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

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
	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 μ =		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-Emcor 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

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 SAFETY DATA SHEET IS AVAILABLE FROM YOUR LOCAL DOW CORNING SALES REPRESENTATIVE.

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.

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 Health, Environment and Regulatory Affairs specialists available in each area.

For further information, please consult your local Dow Corning representative.

WARRANTY INFORMATION - PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Dow Corning's products are safe, effective, and fully satisfactory for the intended end use. Dow Corning's sole warranty is that the product will meet the Dow Corning sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. Dow Corning specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless Dow Corning provides you with a specific, duly signed endorsement of fitness for use, Dow Corning disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.

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