

MOLYKOTE® FS 1292

FLUORO-SILICONE GREASE

FEATURES

- ◆ Particularly suitable for long-term lubrication by virtue of its extremely low tendency towards oxidation
- ◆ High drop point (>250°C); consequently reduced risk of melting and run-out from lubrication point
- ◆ Wide service temperature range (-40°C to +200°C; for short periods, up to 230°C)
- ◆ High resistance to water and water washout
- ◆ Resistant to mineral oil, fuels and many chemicals

COMPOSITION

- ◆ Fluorosilicone oil
- ◆ Organic thickener

APPLICATION

- ◆ Lubricating grease for metal/metal combinations with slow to medium-fast movements and medium loads over a wide temperature range.

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		Whitish
	Consistency, density, viscosity		
DIN 51 818	NLGI consistency class		1-2
ISO 2137	Worked penetration	mm/10	280-340
ISO 2811	Density at 20°C	g/ml	1.28
DIN 51 562	Base oil viscosity at 25°C	mm ² /s	1000
	Temperature		
	Service temperature	°C	-40 to +200
ISO 2176	Drop point	°C	>250
ASTM-D147880	Low temperature torque test at -30°C		
	Initial break-away torque	Nm	118x10 ⁻³
	Torque after 20 minutes running time	Nm	41x10 ⁻³
ASTM-D147880	Low temperature torque test at -40°C		
	Initial break-away torque	Nm	856x10 ⁻³
	Torque after 20 minutes running time	Nm	56x10 ⁻³
	Load-carrying capacity		
	Four-ball tester (VKA)		
DIN 51 350 pt.4	Weld load	N	3400
	Oil separation		
DIN 51 817	Standard test	%	0.3

* ASTM: American Society for Testing and Materials
ISO: International Standardisation Organisation
DIN: Deutsche Industrie Norm

HOW TO USE

How to apply

Clean bearing surfaces. Apply grease in the normal way using a brush, grease gun or automatic lubricating system. MOLYKOTE FS 1292 Grease can be used in centralised lubrication systems. Do not mix with other greases.

Table 1 shows the chemical resistance of MOLYKOTE FS 1292 Grease with respect to a number of solvents.

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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