

# Specialty Lubricants

## 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 (482°F); consequently reduced risk of melting and run-out from lubrication point
- Wide service temperature range, -40°C to +200°C (-40°F to +392°F); for short periods, up to 230°C (446°F)
- 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

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		Whitish
	<b>Consistency, density, viscosity</b>		
DIN 51 818	NLGI consistency class		1-2
ISO 2137	Worked penetration	mm/10	280-340
ISO 2811	Density at 20°C (68°F)	g/ml	1.28
DIN 51 562	Base oil viscosity at 25°C (77°F)	mm <sup>2</sup> /s	1000
	<b>Temperature</b>		
	Service temperature	°C	-40 to +200 (+230 for short periods)
		°F	-40 to +392 (+446 for short periods)
ISO 2176	Drop point	°C	>250
		°F	>482
ASTM-D147880	Low temperature torque test at -30°C (-22°F)		
	Initial break-away torque	Nm	118x10 <sup>-3</sup>
	Torque after 20 minutes running time	Nm	41x10 <sup>-3</sup>
ASTM-D147880	Low temperature torque test at -40°C (-40°F)		
	Initial break-away torque	Nm	856x10 <sup>-3</sup>
	Torque after 20 minutes running time	Nm	56x10 <sup>-3</sup>
	<b>Load-carrying capacity</b>		
	Four-ball tester (VKA)		
DIN 51 350 pt.4	Weld load	N	3400
	<b>Oil separation</b>		
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.

## **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 material safety data sheet is available on the Dow Corning website at [www.dowcorning.com](http://www.dowcorning.com). You can also obtain a copy from your local Dow Corning sales representative or Distributor or by calling your local Dow Corning Global Connection.

## **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 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 Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, [www.dowcorning.com](http://www.dowcorning.com) or consult your local Dow Corning representative.

## **LIMITED WARRANTY INFORMATION - PLEASE READ CAREFULLY**

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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.

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