

# **Molykote<sup>®</sup> 1292 Long Life Bearing 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

## **APPLICATIONS**

- 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 office or your Global Dow Corning Connection before writing specifications on this product.

| <b>Test<sup>1</sup></b> | <b>Property</b>                              | <b>Unit</b> | <b>Result</b>                        |
|-------------------------|--|-------------|--------------------------------------|
|                         | 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 (77°F)                       | g/ml        | 1.28                                 |
| DIN 51 562              | Base oil viscosity at 25°C (77°F)            | mm/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>                |             |                                      |
| DIN 51 350 pt.4         | Four-ball tester (VKA)                       |             |                                      |
|                         | Weld load                                    | N           | 3400                                 |
|                         | <b>Oil separation</b>                        |             |                                      |
| DIN 51 817              | Standard test                                | %           | 0.3                                  |

<sup>1</sup> DIN: Deutsche Industrie Norm.

ISO: International Standardisation Organisation.

ASTM: American Society for Testing and Materials.

## **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<sup>®</sup> 1292 Long Life Bearing Grease* can be used in centralized lubrication systems. Do not mix with other greases.

## **HANDLING PRECAUTIONS**

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL 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 WEB SITE AT DOW CORNING.COM, OR FROM YOUR DOW CORNING SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CORNING CUSTOMER SERVICE.

## **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 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**

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 Web site, [dowcorning.com](http://dowcorning.com) or consult your local Dow Corning representative.

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

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