Product Information
Specialty Lubricants

Molykote® 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

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.

<table>
<thead>
<tr>
<th>Test</th>
<th>Property</th>
<th>Unit</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN 51 818</td>
<td>Color</td>
<td></td>
<td>Whish</td>
</tr>
<tr>
<td>DIN 51 818</td>
<td>Consistency, density, viscosity</td>
<td></td>
<td>1-2</td>
</tr>
<tr>
<td>ISO 2137</td>
<td>Worked penetration</td>
<td>mm/10</td>
<td>280-340</td>
</tr>
<tr>
<td>ISO 2811</td>
<td>Density at 20°C (77°F)</td>
<td>g/ml</td>
<td>1.28</td>
</tr>
<tr>
<td>DIN 51 562</td>
<td>Base oil viscosity at 25°C (77°F)</td>
<td>mm/s</td>
<td>1000</td>
</tr>
<tr>
<td>ISO 2176</td>
<td>Drop point</td>
<td>°C</td>
<td>&gt;250</td>
</tr>
<tr>
<td>ISO 2176</td>
<td>Drop point</td>
<td>°F</td>
<td>&gt;482</td>
</tr>
<tr>
<td>ASTM-D147880</td>
<td>Low temperature torque test at -30°C (-22°F)</td>
<td>Nm</td>
<td>118x10⁻³</td>
</tr>
<tr>
<td>ASTM-D147880</td>
<td>Initial break-away torque after 20 minutes running time</td>
<td>Nm</td>
<td>41x10⁻³</td>
</tr>
<tr>
<td>ASTM-D147880</td>
<td>Load-carrying capacity</td>
<td>Nm</td>
<td>856x10⁻³</td>
</tr>
<tr>
<td>ASTM-D147880</td>
<td>Weld load</td>
<td>N</td>
<td>56x10⁻³</td>
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<tr>
<td>DIN 51 350 pt.4</td>
<td>Load-carrying capacity</td>
<td>N</td>
<td>3400</td>
</tr>
<tr>
<td>DIN 51 817</td>
<td>Standard test</td>
<td>%</td>
<td>0.3</td>
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</tbody>
</table>


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® 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
DOWCORNING.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 20ºC (68ºF)
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 or consult
your local Dow Corning
representative.

LIMITED 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 our products are safe,
effective, and fully satisfactory for the
intended end use. Suggestions of use
shall not be taken as inducements to
infringe any patent.

Dow Corning’s sole warranty is that
our products will meet the 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.

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