

NS-311-G

High Temperature Antiwear Grease

NS-311-G is a high temperature grease designed to provide excellent antiwear with reduced friction on high temperature hinges and bearings. Formulated with a synthetic hybrid base fluid and a high temperature capability lithium complex thickener system, this product exhibits high dynamic stability as well as high static "stay in place" stability by not slumping and migrating at elevated temperatures. Suggested applications are bearings, gears, cables and hinges.

Characteristics:

- Non-slumping
- High work stability
- Excellent friction reduction
- Excellent metal on metal antiwear
- Operating temperature range of -30°C to 190°C

Typical Properties

| | |
|--|------------|
| Color | Cream |
| Thickener | Li Complex |
| NLGI grade | 2 |
| Penetration, ASTM D1403, worked, 60 Ds | 283 |
| Dropping point, ASTM D2265, °C(°F) | 285(545) |

Typical Base Fluid Properties

| | |
|----------------------------------|------------------|
| Base fluid | Synthetic Hybrid |
| Viscosity, ASTM D445 @ 40°C, cSt | 235 |

Material Compatibilities:

Compatible with most engineering plastics (including ABS and polycarbonate) and elastomers. Check with material manufacturer or Syn-Tech concerning compatibility.

05/11 Rev.0

The information provided herein is offered without warranty, express or implied. Because Syn-Tech does not have control over products it gives as samples or sells, we can't guarantee the suitability of the product for your application. The information above is therefore only to be used as a recommendation. It should not be used as the basis of a specification. SOF 7.3-01-07 4/28/17



1550F W. Fullerton Ave.
Addison, IL 60101 USA
(630) 628-7290
www.syn-techlube.com

Lubricants that Solve Problems