



Innovation and Experience at Work

## RheoGel 331

RheoGel 331 is calcium sulfonate complex synthetic grease fortified with PTFE. This grease provides excellent corrosion protection to ferrous metals and possesses good EP and anti-wear capability.

| BASE OIL CHARACTERISTICS   |                          |            | TYPICAL VALUE *              |
|--|--------------------------|------------|------------------------------|
| Туре   |                          |            | Synthetic<br>Hydrocarbon     |
| Temperature Service Range (°C)                                   |                          |            | -40 to 125                   |
| GREASE CHARACTERISTICS   |                          |            | TYPICAL VALUE *              |
| Thickener  |                          |            | Calcium Sulfonate<br>Complex |
| Color  |                          |            | Tan                          |
| Appearance   |                          |            | Smooth                       |
| NLGI Grade   |                          |            | 0.5                          |
| Penetration (ASTM D217)  | Unworked                 |            | 320 min.                     |
|  | Worked                   | 60X        | 330-360                      |
| Dropping Point (°C) (ASTM D2265)                                 |                          |            | 230 min.                     |
| Oil Separation (ASTM D1742)                                      | 24h at 25°C and 1.72 kPa |            | 6% max.                      |
| Evaporation (CTM-1)  | 24h at 100°C             |            | 1% max.                      |
| Water Washout (ASTM D1264)                                       | 60 min at 38°C           |            | 2.2%                         |
| Bearing Corrosion (ASTM D1743)                                   | 48h at 52°C              |            | Pass                         |
| Apparent Viscosity<br>(Brookfield Viscometer T-C spindle, 1 rpm) | -40°C                    |            | 3,000,000 cP                 |
| Specific Gravity (CTM-2)   | 25°C                     |            | 1.00                         |
| Low Temperature Torque (ASTM D1478)                              | -40°C                    | Start      | 2,340 g⋅cm                   |
|  |                          | Run 60 min | 299 g⋅cm                     |

\*The values stated in this Product Data Sheet are Typical Values and *must not* be used as QC Specifications for this product. Please contact the Global Technical Services department for QC specifications for this product.

## Engineered Custom Lubricants

IATF 16949 • Registered QMS

3851 Exchange Ave. • Aurora, IL 60504 • T: 630.449.5000 • F: 630.585.0050 • E: eclusa\_customer@quakerhoughton.com • www.ecllube.com

DISCLAIMER: Since we cannot anticipate or control the many different conditions under which this information and our product may be used, we cannot guarantee the applicability of this information or the suitability of our product in any individual situation. For the same reason, the product discussed is sold without warranty expressed or implied. Please contact Engineered Custom Lubricants for assistance and recommendations prior to writing or releasing any engineering specifications.