



Innovation and Experience at Work

## EvoLube R600

This evolutionary, new generation polyurea-thickened grease contains PTFE and has outstanding long-life properties. Polyurea thickeners act to inhibit oxidation, thereby adding to the long-life effectiveness of this grease. This product is a shear stable, multipurpose, water resistant grease that has excellent low temperature properties and is compatible with most plastics and seals. There are no heavy metals in this product making it environmentally friendly.

| BASE OIL CHARACTERISTICS                        |  |            | TYPICAL VALUE *           |
|---|--|------------|---------------------------|
| Туре  |  |            | Mineral Oil               |
| Temperature Service Range (°C)                  |  |            | -40 to 110                |
| GREASE CHARACTERISTICS                          |  |            | TYPICAL VALUE *           |
| Thickener                                       |  |            | Polyurea                  |
| Color   |  |            | Blue                      |
| Appearance                                      |  |            | Smooth                    |
| NLGI Grade                                      |  |            | 2                         |
| Penetration (ASTM D217 / DIN 51804-T1)          | Worked                                 | 60X        | 265-295                   |
|   |  | 100,000X   | 310                       |
| Dropping Point (°C) (ASTM D2265 / DIN ISO 2176) |  |            | 260 min.                  |
| Oil Separation (ASTM D6184 Mod.)                | 24h at 100°C                           |            | 2% max.                   |
| Oil Separation (ASTM D1742)                     | 24h at 25°C and 1.72 kPa               |            | 0.2%                      |
| Water Washout (ASTM D1264 / DIN 51807-T2)       | 60 min at 80°C                         |            | 2.4%                      |
| Four Ball Wear (ASTM D2266 / DIN 51350-T5)      | 60 min 1200 RPM 75°C 40kg <sub>f</sub> |            | 0.50mm                    |
| Specific Gravity (CTM-2)                        | 25°C                                   |            | 0.936                     |
| Four Ball EP (ASTM 25962 / DIN 51350-T4)        | Load Wear index                        |            | 86                        |
|   | Weld Point                             |            | 500kg                     |
| Low Temperature Torque (ASTM D1478)             | -40°C                                  | Start      | 9,230 gm-cm<br>(0.90 N-m) |
|   |  | Run 60 min | 2,275 gm-cm<br>(0.22 N-m) |

\*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

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