

RheoGel TEK676

RheoGel TEK676 is an automotive and industrial grease intended for wide temperature ranges and demanding applications. This grease has excellent shear stability, load carrying capacity, and ferrous corrosion protection.

| BASE OIL CHARACTERISTICS | | TYPICAL VALUE * | |
|--|--|---------------------------|------------------|
| Type | | Synthetic Hydrocarbon | |
| Temperature Service Range (°C) | | -40 to 150 | |
| GREASE CHARACTERISTICS | | TYPICAL VALUE * | |
| Thickener | | Calcium Sulfonate Complex | |
| Color | | Green | |
| Appearance | | Smooth | |
| NLGI Grade | | 1.5 | |
| Penetration (ASTM D217 / DIN 51804-T1) | Unworked | 285-315 | |
| | Worked | 60X | 285-315 |
| | | 100,000X | 324 |
| Dropping Point (°C) (ASTM D2265 / DIN ISO 2176) | | 260 min. | |
| Oil Separation (ASTM D6184) | | 24h at 100°C | 2.5% max. |
| Oil Separation (ASTM D1742) | | 24h at 25°C and 1.72 kPa | 0.20% |
| Evaporation (CTM-1) | | 24h at 100°C | 1% max. |
| Water Washout (ASTM D1264 / DIN 51807-T2) | | 60 min at 79°C | 2.13% |
| Water Spray Off (ASTM D4049) | | | 42.36% |
| Copper Corrosion (ASTM D130 / DIN 51811) | | 24h at 100°C | 1b max. |
| Salt Spray Corrosion (ASTM B117) | | 300h | No Corrosion |
| Bearing Corrosion (ASTM D1743) | | 48h at 52°C | No Corrosion |
| Four Ball Wear (ASTM D2266 / DIN 51350-T5) | 60 min, 1200 RPM, 75°C, 40kg _f | | 0.39mm |
| | Dynamic Coefficient of Friction (steel on steel) | | 0.080 |
| | 60 min, 600 RPM, Ambient, 30kg _f | | 0.051 |
| Dynamic Coefficient of Friction (nylon on steel) | | | |
| Oxidation Stability (ASTM D942 / DIN 51808) | | 1,000h at 100°C | 7 psi |
| Four Ball Extreme Pressure (ASTM D2596 / DIN 51350-T4) | Load Wear Index | | 55.8 |
| | Last Non-Seizure Load (scar) | | 126 kg (0.46mm) |
| | Last Seizure Load (scar) | | 250 kg (3.135mm) |
| | Weld Load | | 315 kg |
| Fretting Wear (ASTM D4170) | | | 1 mg |

*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

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