

Innovation and Experience at Work

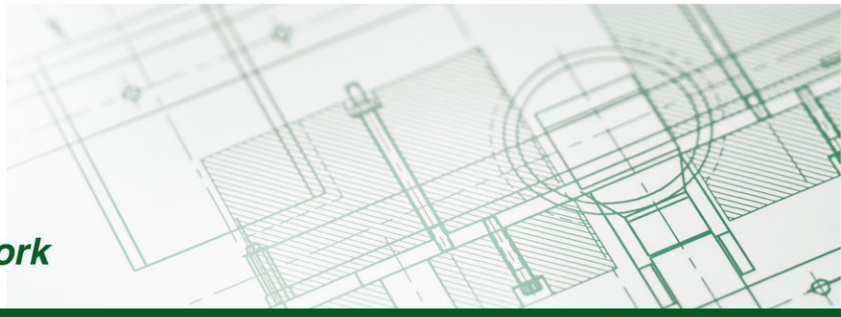
RheoGel TEK 676

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 * | |
|---|--|---------------------------|-----|
| Temperature Service Range (°C) | | -40 to 150 | |
| GREASE CHARACTERISTICS | | TYPICAL VALUE * | |
| Thickener | | Calcium Sulfonate Complex | |
| Color | | Green | |
| Appearance | | Smooth | |
| NLGI Grade | | 1 ½ | |
| Penetration (ASTM D217 / DIN 51804-T1) | Unworked | 301 | |
| | Worked | 60X | 315 |
| | | 100,000X | 330 |
| Unworked, -40°C | | 84 | |
| Dropping Point (°C) (ASTM D2265 / DIN ISO 2176) | | >260 | |
| Oil Separation (ASTM D6184) | 24h at 100°C | 1.5% | |
| Oil Separation (ASTM D1742) | 24h at 25°C and 1.72 kPa | 0.1% | |
| Evaporation (CTM-1) | 24h at 100°C | 0.3% | |
| Water Washout (ASTM D1264 / DIN 51807-T2) | 60 min at 79°C | 3.5% | |
| Water Spray Off (ASTM D4049) | | 42.36% | |
| Copper Corrosion (ASTM D130 / DIN 51811) | 24h at 100°C | 1b | |
| 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 | 0.37mm | |
| Oxidation Stability (ASTM D942 / DIN 51808) | 1,000h at 100°C | 63 kPa | |
| Specific Gravity (CTM-2) | 25°C | 0.984 | |
| Four Ball Extreme Pressure (ASTM D2596 / DIN 51350-T4) | Load Wear Index | 54.9 | |
| | Last Non-Seizure Load (scar) | 80 kg (0.38mm) | |
| | Last Seizure Load (scar) | 315 kg (3.16mm) | |
| | Weld Load | 400 kg | |

Engineered Custom Lubricants ISO/TS16949:2009 • Registered QMS
3851 Exchange Ave. • Aurora, IL 60504 • T: 630.449.5000 • F: 630.585.0050 • E: customerservice@eclube.com • www.eclube.com

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| Kesternich Flow Pressure (DIN 51808) | 20°C | 0.60 psi 1.22 inches Hg 16.61 inches H2O 4.14 kPa 41.37 mbar |
| | -35°C | 8.20 psi 16.70 inches Hg 227.0 inches H2O 56.54 kPa 565.4 mbar |