



RheoGel TEK 676

RheoGel TEK676 is a synthetic 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 |
| Temperature Service Range (°C) | | -40 to 150 |
| GREASE CHARACTERISTICS | | TYPICAL VALUE * |
| Thickener | | Calcium Sulfonate Complex |
| Color | | Green |
| Appearance | | Smooth |
| NLGI Grade | | 1 1/2 |
| Penetration (ASTM D217 / DIN 51804-T1) | Unworked | 290-315 |
| | Worked | 60X |
| | | 100,000 |
| 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 (0.25 psi) | 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% |
| Copper Corrosion (ASTM D130 / DIN 51811) | 24h at 100°C | 1b max. |
| Salt Spray Corrosion (ASTM B117) | 300 hrs | No Corrosion |
| Bearing Corrosion (ASTM D1743) | 48 hrs at 52°C | No Corrosion |
| Four Ball Wear (ASTM D2266 / DIN 51350-T5) | 60 min 1200 RPM 75°C 40kg | 0.39 mm |
| | Coefficient of Friction | 0.080 |
| Oxidation Stability (ASTM D942 / DIN 51808) | 1000 hrs at 100°C | 7 psi |
| | Load Wear Index | 55.8 |
| Four Ball Extreme Pressure (ASTM D2596 / DIN 51350-T4) | Last Non-Seizure Load (scar) | 126 kg (0.46mm) |
| | Last Seizure Load (scar) | 250 kg (3.135 mm) |
| | Weld Load | 315 kg |
| Fretting Wear (ASTM D4170) | | 1 mg |