



RheoGel TEK664

RheoGel TEK664 is automotive and industrial synthetic grease intended for wide temperatures 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 | | Tan | |
| Appearance | | Smooth | |
| NLGI Grade | | 2 | |
| Penetration (ASTM D217 / DIN 51804-T1) | Unworked | 265-295 | |
| | Worked | 60X | 265-295 |
| | | 100,000X | 287 |
| Dropping Point (°C) (ASTM D2265 / DIN ISO 2176) | | 260 min. | |
| Oil Separation (ASTM D6184) | 24h at 100°C | 0.80% | |
| Oil Separation (ASTM D1742) | 24h at 25°C and 1.72 kPa | 0.09% | |
| Evaporation (CTM-1) | 24h at 100°C | 0.20% | |
| Water Washout (ASTM D1264 / DIN 51807-T2) | 60 min at 79°C | 1% | |
| Bearing Corrosion (ASTM D1743) | 48h at 52°C | No Corrosion | |
| Copper Corrosion (ASTM D130 / DIN 51811) | 24h at 100°C | 1b | |
| Four Ball Wear (ASTM D2266 / DIN 51350-T5) | 60 min 1200 RPM 75°C 40kg _f | 0.46mm | |
| | Dynamic Coefficient of Friction (steel on steel) | 0.076 | |
| Specific Gravity (CTM-2) | 25°C | 0.942 | |
| Low Temperature Torque (ASTM D1478) | -40°C | Start | 4,563 g.cm |
| | | Run 10 min | 988 g.cm |
| | | Run 60 min | 416 g.cm |
| Oxidation Stability (ASTM D942 / DIN 51808) | 168h at 100°C | 21 kPa | |
| Four Ball Extreme Pressure (ASTM D2596 / DIN 51350-T4) | Load Wear Index | 55.77 | |
| | Last Non-Seizure Load (scar) | 80 kg (0.39mm) | |
| | Last Seizure Load (scar) | 315 kg (2.38mm) | |
| | Weld Load | 400 kg | |