

RheoGel TEK664

RheoGel TEK664 is an 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

*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.