



Innovation and Experience at Work

RheoGel TEK700

RheoGel TEK700 is an automotive and industrial grease intended for wide temperature and demanding applications. This grease has excellent shear stability, load carrying capacity, and ferrous corrosion protection.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Туре			Synthetic Hydrocarbon -30 to 150
Temperature Service Range (°C) GREASE CHARACTERISTICS			
			TYPICAL VALUE *
Thickener			Calcium Sulfonate Complex
Color			Yellow
Appearance			Smooth
NLGI Grade			1.5
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 min.
Oil Separation (ASTM D6184)	24h at 100°C	24h at 100°C	
Oil Separation (ASTM D1742)	24h at 25°C and 1.72	24h at 25°C and 1.72 kPa	
Evaporation (CTM-1)	24h at 100°C	24h at 100°C	
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	300h	
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
	Load Wear Index		54.9
Four Ball Extreme Pressure (ASTM D2596 / DIN 51350-T4)	Last Non-Seizure Load (scar)		80 kg (0.38mm)
	Last Seizure Load (scar)		315 kg (3.16mm)
	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.

Engineered Custom Lubricants

IATF 16949 • Registered QMS

3851 Exchange Ave. • Aurora, IL 60504 • T: 630.449.5000 • F: 630.585.0050 • E: eclusa_customer@quakerhoughton.com • www.ecllube.com

DISCLAIMER: Since we cannot anticipate or control the many different conditions under which this information and our product may be used, we cannot guarantee the applicability of this information or the suitability of our product in any individual situation. For the same reason, the product discussed is sold without warranty expressed or implied. Please contact Engineered Custom Lubricants for assistance and recommendations prior to writing or releasing any engineering specifications.