



Innovation and Experience at Work

RheoGel TEK676F

RheoGel TEK676F is a filtered 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 *
Type			Mineral Oil
Temperature Service Range (°C)			-30 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		290-315
	Worked	60X	290-315
		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
			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 _r
			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

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