



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		Synthetic Hydrocarbon	
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	301	
	Worked	60X	315
		100,000X	330
	Unworked, -40°C	84	
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		>260	
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 _f	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	

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