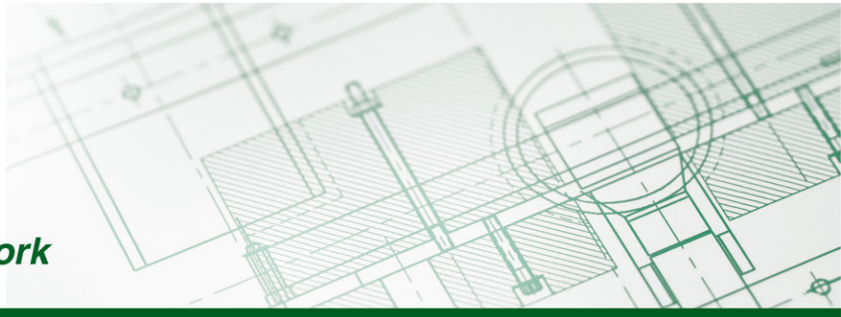


## RheoGel B6005F

RheoGel B6005F 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)		-40 to 125	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		Calcium Complex	
Color		Tan	
Appearance		Smooth	
NLGI Grade		2	
Viscosity (ASTM D445 / DIN 51562-1)	Unworked	250 min.	
	Worked	60X	265-295
		10,000X	310
	Unworked, -40°C		154
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 min.	
Evaporation (CTM-1)	24h at 100°C	0.04%	
Bearing Corrosion (ASTM D1742)	48h at 52°C	No Corrosion	
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	7,700,000 cP	
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg <sub>f</sub>	0.44mm	
	Dynamic Coefficient of Friction (steel on steel)	0.088	
Specific Gravity (CTM-2)	25°C	0.97	
Oxidation Stability (ASTM D942 / DIN 51808)	1000h at 100°C	41 kPa	
Low Temperature Torque (ASTM D1478)	-40°C	Start	2,776 g-cm
		Run 10 min	715 g-cm
		Run 60 min	377 g-cm
Four Ball Extreme Pressure (ASTM D2596 / DIN 51350-T4)	Load Wear Index		57.95
	Last Non-Seizure Load (scar)		100 kg (0.43mm)
	Last Seizure Load (scar)		315 kg (2.40mm)
	Weld Load		400 kg
Low Temperature Apparent Viscosity (ASTM D1092)	-40°C	20 sec <sup>-1</sup>	12,599 Poise
		100 sec <sup>-1</sup>	7,863 Poise



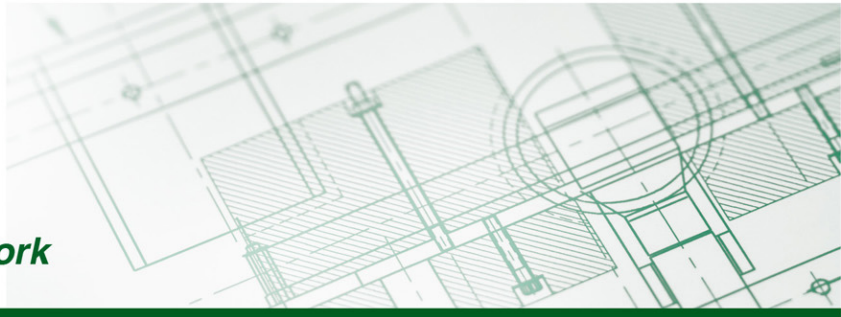
## RheoGel B6005F

<b>Kesternich Flow Pressure</b> (DIN 51808)	20°C	1.30 psi 2.65 inches Hg 35.98 inches H2O 8.96 kPa 89.64 mbar
	-35°C	4.85 psi 9.87 inches Hg 134.3 inches H2O 33.44 kPa 334.4 mbar



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