



RheoGel 1217A

RheoGel 1217A is a dilute dispersion of RheoGel B6005 in flammable solvent. When RheoGel 1217A is applied to a surface, the solvent evaporates and leaves behind a thin film of RheoGel B6005. This product can be used to deliver RheoGel B6005 in to hard to reach places.

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	
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	265-295	
	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 _f	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 ⁻¹	12,599 Poise
		100 sec ⁻¹	7,863 Poise