

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 into 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

*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.