



Innovation and Experience at Work

RheoGel 1403

Rheogel 1403 is lithium thickened, formulated a light viscosity synthetic base oil for outstanding low temperature performance at -40C. The soft consistency grade will allow for the grease to migrate into the interface for optimum performance in automotive applications.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Synthetic Hydrocarbon
Temperature Service Range (°C)		-40 to 150
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Lithium
Color		Off White
Appearance		Smooth
NLGI Grade		1.5
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	311
	Worked	299
60X		
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 min.
Oil Separation (ASTM D6184)	24h at 100°C	2.7%
Evaporation (CTM-1)	24 at 100°C	0.21%
Bearing Corrosion (ASTM D1743)	48h at 52°C	No Corrosion
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1a
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f	0.48mm
	Dynamic Coefficient of Friction (steel on steel)	0.099
Low Temperature Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	2,500,000 cP

Engineered Custom Lubricants

ISO/TS16949:2009 • Registered QMS

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