



RheoGel 1409NO

RheoGel 1409NO is a synthetic hydrocarbon grease prepared from a lithium-based thickening agent. This grease has been designed for wide temperature automotive and industrial applications. Special features of the grease include wide temperature serviceability, good cold temperature efficiency, good noise damping and very low odor.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
Type		Synthetic Hydrocarbon	
Temperature Service Range (°C)		-50 to 125	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		Lithium-12 Hydroxystearate	
Color		Off-white	
Appearance		Smooth	
NLGI Grade		2	
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	265-295	
	Worked	60X 265-295	
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		200 min.	
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa	0.23%	
Oil Separation (ASTM D6184)	24h at 100°C	3% max.	
Evaporation (CTM-1)	24h at 100°C	1% max.	
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 38°C	4.70%	
Bearing Corrosion (ASTM D1742)	48h at 52°C	Pass	
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1b	
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	3.080,000 cP	
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _r	0.68mm	
	Dynamic Coefficient of Friction (steel on steel)	0.072	
Low Temperature Torque (ASTM D1478)	-40°C	Start	531 g-cm
		Run, 60 min	118 g-cm
Oxidation Stability (ASTM D942 / DIN 51808)	100h at 100°C	4.5 psi	