



RheoGel 4027

RheoGel 4027 is synthetic hydrocarbon grease prepared from a lithium-based thickening agent and fortified with additives to improve oxidative stability, friction reduction, and molybdenum disulfide. This grease has been designed for wide temperature automotive and industrial applications and is recommended from -50°C to 150°C.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
Type		Synthetic Hydrocarbon	
Temperature Service Range (°C)		-50 to 150°C	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		Lithium	
Color		Black	
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)		190 min.	
Oil Separation (ASTM D6184)	24h at 100°C	5% max.	
Evaporation (CTM-1)	24h at 100°C	1% max.	
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f	0.42mm	
Specific Gravity (CTM-2)	25°C	0.88	
Low Temperature Torque (ASTM D1478)	-40°C	Start	1372 g-cm
		Run 10 min	592 g-cm
		Run 60 min	195 g-cm