

RheoGel 1297

RheoGel 1297 is a high performance polyurea thickened grease utilizing a unique combination of high temperature synthetic oils and contains molybdenum disulfide for providing exceptional wear and extreme pressure performance. Capable of exposure to 170°C. It is highly water resistant and has excellent corrosion protection and fretting wear. Recommended for any underhood, metal to metal applications like driveshaft and steering column splines.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Synthetic Hydrocarbon
Temperature Service Range (°C)		-20°C to 170°C
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Polyurea
Color		Black
Appearance		Smooth
NLGI Grade		2
Penetration (ASTM D217 / DIN 51804-T1)	Worked 60X	290
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 min.
Oil Separation (ASTM D6184)	24h at 100°C	0.32%
Evaporation (CTM-1)	24 at 100°C	0.12%
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 40°C	3.2%
Bearing Corrosion (ASTM D1743)	48h at 52°C	Pass
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f	0.54mm

Engineered Custom Lubricants

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