



Innovation and Experience at Work

RheoGel 1605

RheoGel 1605 is a low temperature capable synthetic grease thickened with PTFE. It offers very smooth, low noise and low friction performance at high and low temperatures with great water resistance and very good surface adhesion. This makes it a perfect track grease for sunroofs, window lift actuators and seats and many other automotive components.

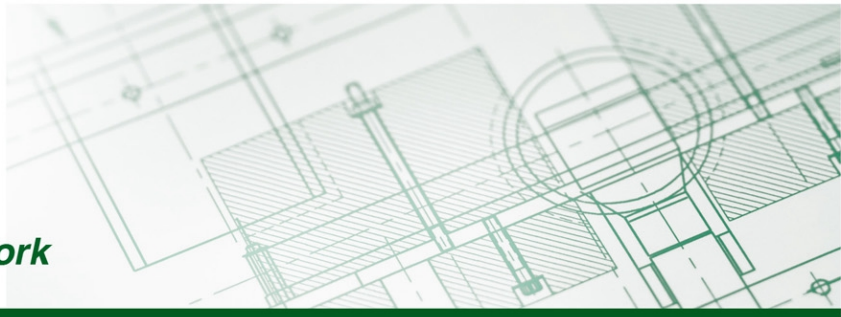
BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Synthetic Hydrocarbon
Temperature Service Range (°C)		-40 to 120
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		PTFE
Color		White
Appearance		Smooth
NLGI Grade		1.5
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	285-315
	Worked	60X 285-315
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 min.
Oil Separation (ASTM D6184)	24h at 100°C	5% max.
Evaporation (CTM-1)	24h at 100°C	2% max.
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 38°C	1.0%
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f	0.50mm
	Dynamic Coefficient of Friction (steel on steel)	0.079
Specific Gravity (CTM-2)	25°C	1.2

Engineered Custom Lubricants

ISO/TS16949:2009 • Registered QMS

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RheoGel 108-1

Kesternich Flow Pressure (DIN 51808)	20°C	1.05 psi 2.14 inches Hg 29.06 inches H2O 7.24 kPa 72.40 mbar
	-35°C	2.40 psi 4.89 inches Hg 66.43 inches H2O 16.5 kPa 165.5 mbar