



Innovation and Experience at Work

RheoGel 1766L

RheoGel 1766L is a transparent grease made with a medium viscosity synthetic hydrocarbon base oil. It is compatible with most plastics and elastomers and possesses great wear resistance and very low friction on metal surfaces. Care was taken to be sure it has very low odor and its transparent look makes it ideal for surfaces where it is better to not see grease. It can reduce noise and a great grease for bearings, gears and actuators.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Туре			Synthetic Hydrocarbon
Temperature Service Range (°C)			-45 to 125
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Inorganic
Color			Translucent
Appearance			Smooth
NLGI Grade			1.5
Penetration (ASTM D217 / DIN 51804-T1)	Unworked		303
	Worked	60x	307
Evaporation (CTM-1)	24h at 100°C		0.29%
Oil Separation (ASTM D6184)	24h at 100°C		2.28%
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)			280 min.
Specific Gravity (CTM-2)	25°C		0.862
Low Temperature Torque (ASTM D1478)	-40°C	Start	737 g-cm
		Run 10 min	560 g-cm
		Run 60 min	442 g-cm
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM	60 min 1200 RPM 75°C 40kg _f	
	Dynamic Coefficient of Friction (steel on steel)		0.089

*The values stated in this Product Data Sheet are Typical Values and *must not* be used as QC Specifications for this product. Please contact the Global Technical Services department for QC specifications for this product.

Engineered Custom Lubricants

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