

RheoGel 1766

RheoGel 1766 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 *
Type		Synthetic Hydrocarbon
Temperature Service Range (°C)		-40 to 125
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Inorganic
Color		Translucent
Appearance		Smooth
NLGI Grade		2
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	290
	Worked 60x	291
Evaporation (CTM-1)		24h at 100°C 0.16%
Oil Separation (ASTM D6184)		24h at 100°C 2.53%
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		280 min.
Specific Gravity (CTM-2)		25°C 0.861
Low Temperature Torque (ASTM D1478)	-40°C	Start 1739 g-cm
		Run 10 min 1386 g-cm
		Run 60 min 619 g-cm
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _r	0.45mm
	Dynamic Coefficient of Friction (steel on steel)	0.050

*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.