

## 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 *	
Type		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 75°C 40kg <sub>r</sub>		0.62mm
	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.