



Innovation and Experience at Work

RheoGel 1616

RheoGel 1616 grease is a synthetic hydrocarbon grease prepared from calcium sulfonate thickening agent and fortified with solid additives to improve extreme pressure. The grease has been designed for metal on metal gears where extreme pressure is needed.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Synthetic Hydrocarbon
Temperature Service Range (°C)		-40 to 120
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Calcium Sulfonate
Color		Black
Appearance		Smooth
NLGI Grade		1
Penetration (ASTM D217)	Unworked	310-340
	Worked 60X	310-340
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		265 min.
Oil Separation (ASTM D6184)	24h at 100°C	8% max.
Evaporation (CTM-1)	24h at 100°C	1% max
Copper Corrosion (ASTM D4048)	24h at 100°C	1b
Specific Gravity (CTM-2)	25°C	1.0
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _r	0.42mm
	Dynamic Coefficient of Friction (steel on steel)	0.069

*The typical values reported on this data sheet should not be used for writing specifications or creating drawings. Please consult ECL for assistance in preparing a specification for this product. Refer to our product Material Safety Data Sheet for detailed safety information.