



RheoGel 428FG

This product is multi-purpose grease developed for extended service under extreme high and low temperatures. This lubricant is a premium quality, synthetic hydrocarbon grease fortified with polytetrafluoroethylene (PTFE.) It is designed to reduce friction and dampen noise in body hardware applications.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Synthetic Hydrocarbon
Temperature Service Range (°C)		-60 to 125
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Synthetic
Color		Off White
Appearance		Smooth
NLGI Grade		2
Penetration (ASTM D217)	Unworked	250 min.
	Worked	60X 265-295
Dropping Point (°C) (ASTM D2265)		200 min.
Oil Separation (ASTM D6184)		24h at 100°C 6% max.
Oil Separation (ASTM D1742)		24h at 25°C and 1.72 kPa 4.56%
Evaporation (CTM-1)		24h at 100°C 1% max.
Copper Corrosion (ASTM D4048)		24h at 100°C 1b
Four Ball Wear (ASTM D2266)		60 min 1200 RPM 75°C 40kg _f 0.74mm
Coefficient of Friction (ASTM D2266)		Steel on steel, dynamic 0.11

*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.



This product is registered H1 by the NSF (139181)