



TriboGel 821

TriboGel 821 is synthetic grease fortified with polytetrafluoroethylene and other additives to improve oxidation stability, dampening, and wear. This grease provides the lubrication of higher viscosity base oil with the low temperature performance of low viscosity base oil.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Synthetic Hydrocarbon
Temperature Service Range (°C)		-40 to 125
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Lithium
Color		Off White
Appearance		Smooth
NLGI Grade		2
Penetration (ASTM D217)	Unworked	265-295
	Worked	60X 265-295
Dropping Point (°C) (ASTM D2265)		260 min.
Oil Separation (ASTM D6184)	24h at 100°C	5.4%
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa	6.5%
Evaporation (CTM-1)	24h at 100°C	0.54%
Copper Corrosion (ASTM D4048)	24h at 100°C	1b
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	2,400,000 cP
Four Ball Wear (ASTM D2266)	60 min 1200 RPM 75°C 40kg _f	0.47
	Coefficient of Friction	0.087
Specific Gravity (CTM-2)	25°C	0.87

*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.