



## TriboGel 1205

TriboGel 1205 lubricant is carefully balanced to provide a mixture of friction reduction, dampening, wear prevention, extreme pressure performance, low temperature performance, and ferrous corrosion protection. This grease has good water resistance and is designed to work in dirty, salty environments and protects against shock loading.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
Type		Synthetic Hydrocarbon	
Temperature Service Range (°C)		-40 to 125	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		Polyurea	
Color		Yellow	
Appearance		Smooth	
NLGI Grade		1 ½	
Penetration (ASTM D217)	Unworked	285 min.	
	Worked	60X 285-315	
Dropping Point (°C) (ASTM D2265)		225 min.	
Oil Separation (ASTM D6184)	24h at 100°C	2% max.	
Evaporation (CTM-1)	24h at 100°C	1% max.	
Water Washout (ASTM D1264)	60 min at °C	4.0%	
Bearing Corrosion (ASTM D1743)	48h at 52°C, 5% NaCl Solution	Pass	
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	4,968,000 cP	
Four Ball Wear (ASTM D2266)	60 min 1200 RPM 75°C 40kg <sub>f</sub>	0.42 mm	
Coefficient of Friction (ASTM D2266)	Steel on Steel, Dynamic	0.033	
Low Temperature Torque (ASTM D1478)	-40°C	Start	1,385 g·cm
		Run 10 min	423 g·cm
		Run 60 min	247 g·cm

\*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.