

TriboGel 870

TriboGel 870 is a high viscosity hydrocarbon base oil dampening grease. This grease is fortified with additives that improve extreme pressure, anti-wear, and friction in multiple interface types. The PTFE thickener system maximizes the low temperature performance for this material's high base oil viscosity.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
Type		Synthetic Hydrocarbon	
Temperature Service Range (°C)		-40 to 125	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		PTFE	
Color		Yellow Green	
Appearance		Smooth	
NLGI Grade		1.5	
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	285-315	
	Worked 60x	285-315	
Evaporation (CTM-1)	6h at 180°C	2.3%	
Evaporation (CTM-1)	24h at 100°C	1% max.	
Oil Separation (ASTM D6184)	6h at 180°C	8.0%	
Oil Separation (ASTM D6184)	24h at 100°C	5% max.	
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 min.	
Oil Separation (ASTM D6184)	6h at 180°C	8.0%	
Evaporation (CTM-1)	6h at 180°C	2.3%	
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f	0.40mm	
	Dynamic Coefficient of Friction (steel on steel)	0.04	
Low Temperature Torque (ASTM D1478)	-40°C	Start	3,420 g-cm
		10 min	2,948 g-cm
		60 min	1,415 g-cm

*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.