



*Innovation and Experience at Work*

## TriboGel 870

TriboGel 870 is high viscosity hydrocarbon base oil dampening grease. This grease is fortified with additives that improve extreme pressure, antiwear, 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 ½
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.
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg <sub>f</sub>		0.40mm
	Dynamic Coefficient of Friction (steel on steel)		0.04
Low Temperature Torque (ASTM D1478)	-40°C	Start	4,011 g·cm
		Run 60 min	1,053 g·cm

**Engineered Custom Lubricants**

ISO/TS16949:2009 • Registered QMS

3851 Exchange Ave. • Aurora, IL 60504 • T: 630.449.5000 • F: 630.585.0050 • E: [customerservice@ecllube.com](mailto:customerservice@ecllube.com) • [www.ecllube.com](http://www.ecllube.com)

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