



Innovation and Experience at Work

## TriboGel 821

TriboGel 821 is a 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 *
Туре			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 <sub>f</sub>		0.47
	Coefficient of Friction		0.087
Specific Gravity (CTM-2)	25°C		0.87

\*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.

## **Engineered Custom Lubricants**

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