



Innovation and Experience at Work

TriboGel 1412

TriboGel 1412 is a polyurea and calcium sulfonate grease with PTFE and polymer additives. This grease provides good damping, good EP/anti-wear capability, great fretting wear protection, and excellent water resistance. Ideal for loaded metal to metal applications and this grease is resistant to degradation from high temperature welding and washout during autophoretic coating processes.

BASE OIL CHARACTERISTICS				TYPICAL VALUE *
Туре				Synthetic Hydrocarbon
GREASE CHARACTERISTICS				TYPICAL VALUE *
Thickener				Polyurea / Calcium Sulfonate
Color				Green
Appearance				Smooth
NLGI Grade				1.5
Penetration (ASTM D217 / DIN 51804-T1)	Unworked		285-315	
	Worked		60X	285-315
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)				240 min.
Oil Separation (ASTM D6184)	24h at 100°C			3% max.
Evaporation (CTM-1)	24h at 100°C			1% max.
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f		0.348mm	
	Dynamic Coefficient of Friction (steel on steel)		0.06	

*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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