



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/antiwear 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 *
Type		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	305
	Worked 60X	304
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		254
Oil Separation (ASTM D6184)	24h at 100°C	0.79%
Evaporation (CTM-1)	24h at 100°C	0.17%
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

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