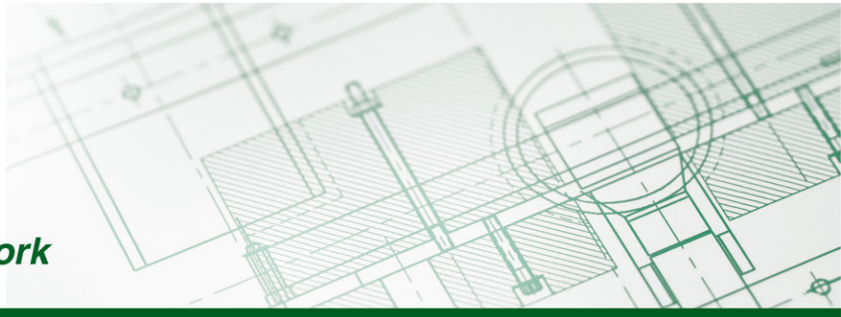


TriboGel 828

TriboGel 828 is 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 *	
Type		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 / DIN 51804-T1)	Unworked	250 min.	
	Worked 60X	265-295	
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		245 min.	
Oil Separation (ASTM D6184)	24h at 100°C	7% max.	
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa	2% max.	
Evaporation (CTM-1)	24h at 100°C	0.54%	
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1b max.	
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	2,700,000 cP	
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f	0.7mm max.	
	Dynamic Coefficient of Friction (steel on steel)	0.100	
Specific Gravity (CTM-2)	25°C	0.90	
Oxidation Stability (ASTM D942 / DIN 51808)	100h at 100°C	6 psi	
Low Temperature Torque (ASTM D1478)	-40°C	Start	728 g·cm
		Run 10 min	449 g·cm
		Run 60 min	189 g·cm



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Kesternich Flow Pressure (DIN 51808)	20°C	1.15 psi 2.34 inches Hg 31.83 inches H2O 7.93 kPa 79.29 mbar
	-35°C	3.40 psi 6.92 inches Hg 94.11 inches H2O 23.44 kPa 234.4 mbar