

## TriboGel 440A

TriboGel 440A is a synthetic hydrocarbon dampening grease prepared from a silica thickening agent and fortified with additives to improve oxidative stability. TriboGel 440A contains polytetrafluoroethylene (PTFE).

BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
Type		Synthetic Hydrocarbon	
Temperature Service Range (°C)		-30 to 125	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		Amorphous Silica	
Color		Off White	
Appearance		Smooth	
NLGI Grade		2	
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	265 min.	
	Worked	60X	275-295
		10,000X	307
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 min.	
Oil Separation (ASTM D6184)	24h at 100°C	3.5% max.	
Evaporation (CTM-1)	24h at 100°C	1% max.	
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 38°C	1.25%	
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg <sub>f</sub>	0.68mm	
	Dynamic Coefficient of Friction (steel on steel)	0.109	
Oxidation Stability (ASTM D942 / DIN 51808)	100h at 99°C	1.0	
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1b	
Specific Gravity (CTM-2)	25°C	0.866	
Low Temperature Torque (ASTM D1478)	-30°C	Start	3,714 g-cm
		10 min	3,213 g-cm
		60 min	1,267 g-cm

\*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.