

## TriboGel 684

TriboGel 684 is a synthetic grease fortified with polytetrafluoroethylene and other additives to improve oxidation stability, extreme pressure, anti-wear, and dampening. This grease provides the lubrication of higher viscosity base oil with the low temperature performance of a lower 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			Yellow
Appearance			Smooth
NLGI Grade			2
Penetration (ASTM D217 / DIN 51804-T1)	Unworked		265-295
	Worked	60X	265-295
		100,000X	332
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)			200 min.
Oil Separation (ASTM D6184)	24h at 100°C		3% max.
Evaporation (CTM-1)	24h at 100°C		1% max.
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 79°C		9.5%
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C		1a
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C		13,400,000 cP
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg <sub>f</sub>		0.42mm
Coefficient of Friction (ASTM D2266)	Dynamic, steel on steel		0.056
Specific Gravity (CTM-2)	25°C		0.875a
Oxidation Stability (ASTM D942 / DIN 51808)	100h at 100°C		14 kPa
	168h at 100°C		17 kPa

\*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.