

TriboGel PA6110LCS

TriboGel PA6110LCS is a synthetic hydrocarbon based grease with outstanding performance over high and low temperature extremes. This product has a service temperature of -40 to 130°C, and is capable of handling intermittent spikes in temperature to 150°C. It has excellent chemical stability and works well with most materials including plastics and elastomers. It resists oxidation and corrosion of metal surfaces. TriboGel PA6110LCS is designed for noise dampening and motion control applications.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Synthetic Hydrocarbon
Temperature Service Range (°C)		-40 to 130
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		PTFE
Color		White
Appearance		Smooth
NLGI Grade		0.5
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	330-360
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 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, 40kgf	0.61mm
	Dynamic Coefficient of Friction (steel on steel)	0.046
	60 min, 600 RPM, Ambient, 30kgf	0.036
Dynamic Coefficient of Friction (nylon on steel)		
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	3,680,000 cP

*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.