

TriboGel 1425

TriboGel 1425 is a calcium sulfonate thickened grease, using synthetic base oil for good low temp performance at -40C, and polymer for noise damping. TriboGel 1425 offers excellent corrosion resistance, load carrying ability, and wear resistance for metal to metal interfaces.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Synthetic Hydrocarbon
Temperature Service Range (°C)		-40 to 125
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Calcium Complex
Color		Tan
Appearance		Smooth
NLGI Grade		1.5
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	290-320
	Worked	60X 290-320
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 min.
Oil Separation (ASTM D6184)	24h at 100°C	5% max.
Evaporation (CTM-1)	24 at 100°C	1% max.
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 79°C	0.90%
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1b
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f	0.42mm
	Dynamic Coefficient of Friction (steel on steel)	0.021
Specific Gravity (CTM-2)	25°C	1.04
Low Temperature Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	2,000,000 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.