



Innovation and Experience at Work

EvoLube TEK615

EvoLube TEK615 is synthetic hydrocarbon grease thickened with polyurea. It has been formulated as industrial and automotive multi-purpose lubricant. It is specifically recommended for high speed rolling element bearing applications. EvoLube TEK615 has excellent tribochemistry under sub-elastohydrodynamic conditions, excellent resistance to thermo-oxidation, and superior oil separation characteristics.

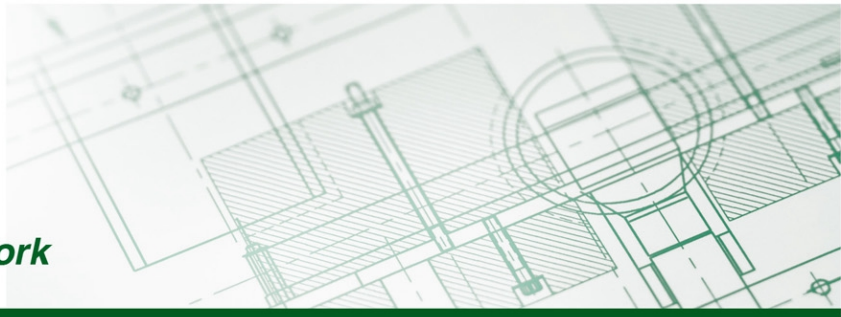
BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
Type		Synthetic Hydrocarbon	
Temperature Service Range (°C)		-40 to 150	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		Polyurea	
Color		Blue	
Appearance		Smooth	
NLGI Grade		2	
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	265-295	
	Worked	60X	265-295
		10,000X	310
	100,000X	318	
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 min.	
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa	0.95%	
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 38°C	0.77%	
Bearing Corrosion (ASTM D1743)	48h at 52°C	No Corrosion	
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	5,400,000 cP	
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f	0.47mm	
	Dynamic Coefficient of Friction (steel on steel)	0.083	
Specific Gravity (CTM-2)	25°C	0.89	

Engineered Custom Lubricants

ISO/TS16949:2009 • Registered QMS

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Oxidation Stability (ASTM D942 / DIN 51808)	100h at 100°C	2 kPa	
	168h at 100°C	2 kPa	
Low Temperature Torque (ASTM D1478)	-40°C	Start	897 g.cm
		Run 10 min	286 g.cm
		Run 60 min	195 g.cm
Four Ball Extreme Pressure (ASTM D2596 / DIN 51350-T4)	Load Wear Index		52.11
	Last Non-Seizure Load (scar)		80 kg (0.40mm)
	Last Seizure Load (scar)		315 kg (2.53mm)
	Weld Load		400 kg
Timken OK Load (ASTM D2509)			27.2 kg (1.39mm scar)