

*Innovation and Experience at Work*

## EvoLube TEK615Y

EvoLube TEK615Y 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 TEK615Y has excellent tribochemistry under sub-elastohydrodynamic conditions, excellent resistance to thermo-oxidation, and superior oil separation characteristics.

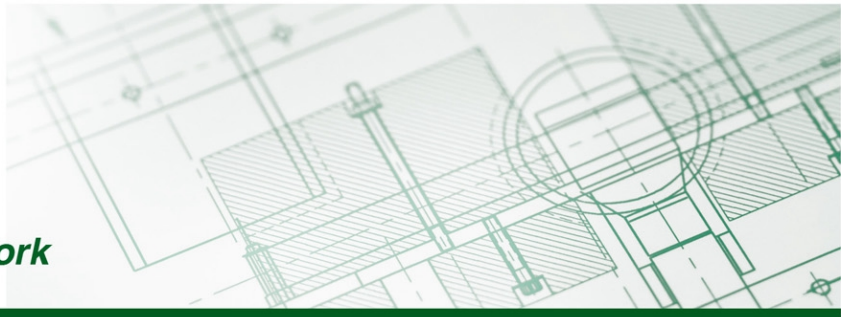
BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
<b>Type</b>		Synthetic Hydrocarbon	
<b>Temperature Service Range (°C)</b>		-40 to 150	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
<b>Thickener</b>		Polyurea	
<b>Color</b>		Yellow	
<b>Appearance</b>		Smooth	
<b>NLGI Grade</b>		2	
<b>Penetration</b> (ASTM D217 /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

**Engineered Custom Lubricants**

ISO/TS16949:2009 • Registered QMS

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<b>Oxidation Stability</b> (ASTM D942 / DIN 51808)	100h at 100°C		2 kPa
	168h at 100°C		2 kPa
<b>Low Temperature Torque</b> (ASTM D1478)	-40°C	Start	897 g-cm
		Run 10 min	286 g-cm
		Run 60 min	195 g-cm
<b>Four Ball Extreme Pressure</b> (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
<b>Timken OK Load</b> (ASTM D2509)			27.2 kg (1.39mm scar)