



**Innovation and Experience at Work**

## EvoLube TEK670

EvoLube TEK670 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 TEK670 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>		-50 to 125	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
<b>Thickener</b>		Polyurea	
<b>Color</b>		Off White	
<b>Appearance</b>		Smooth	
<b>NLGI Grade</b>		1	
<b>Penetration</b> (ASTM D217 / DIN 51804-T1)	Unworked	290 min.	
	Worked	60X 310-340	
<b>Dropping Point (°C)</b> (ASTM D2265 / DIN ISO 2176)		260 min.	
<b>Oil Separation</b> (ASTM D6184)	24h at 100°C	1.0%	
<b>Oil Separation</b> (ASTM D1742)	24h at 25°C and 1.72 kPa	4.7%	
<b>Evaporation</b> (CTM-1)	24h at 100°C	0.21%	
<b>Water Washout</b> (ASTM D1264 / DIN 51807-T2)	60 min at 38 °C	1.0%	
<b>Apparent Viscosity</b> (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	2,280,000 cP	
<b>Four Ball Wear</b> (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg <sub>f</sub>	0.51mm	
<b>Low Temperature Torque</b> (ASTM D1478)	-40°C	Start	884 g.cm
		Run 10 min	377 g.cm
		Run 60 min	182 g.cm
<b>Four Ball Extreme Pressure</b> (ASTM D2596 / DIN 51350-T4)	Load Wear Index		59.18
	Last Non-Seizure Load (scar)		80 kg (0.38mm)
	Last Seizure Load (scar)		315 kg (2.76mm)
	Weld Load		400 kg

**Engineered Custom Lubricants**

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3851 Exchange Ave. • Aurora, IL 60504 • T: 630.449.5000 • F: 630.585.0050 • E: [customerservice@ecllube.com](mailto:customerservice@ecllube.com) • [www.ecllube.com](http://www.ecllube.com)

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