



**Innovation and Experience at Work**

## EvoLube TEK615N

EvoLube TEK615N 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 TEK615N has excellent tribochemistry under sub-elastohydrodynamic conditions, excellent resistance to thermo-oxidation, and superior oil separation characteristics.

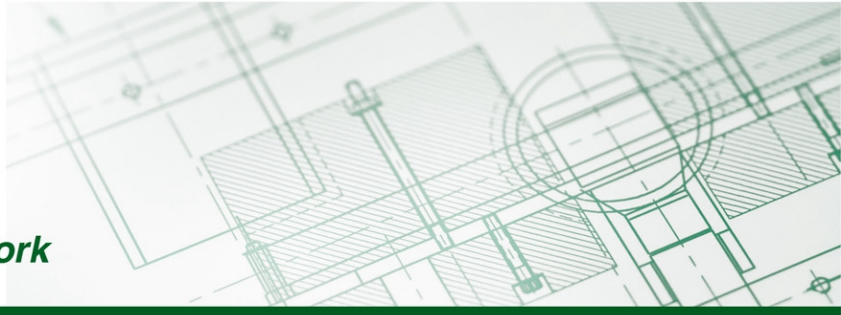
BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
<b>Type</b>		Synthetic Hydrocarbon	
<b>Temperature Service Range (°C)</b>		-40 to 150	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
<b>Thickener</b>		Polyurea	
<b>Color</b>		Off White	
<b>Appearance</b>		Smooth	
<b>NLGI Grade</b>		2	
<b>Penetration</b> (ASTM D217 / 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 D6184)	24h at 100°C	1% max.	
<b>Oil Separation</b> (ASTM D1742)	24h at 25°C and 1.72 kPa	2% 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	
<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

**Engineered Custom Lubricants**

ISO/TS16949:2009 • Registered QMS

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

DISCLAIMER: Since we cannot anticipate or control the many different conditions under which this information and our product may be used, we cannot guarantee the applicability of this information or the suitability of our product in any individual situation. For the same reason, the product discussed is sold without warranty expressed or implied. Please contact Engineered Custom Lubricants for assistance and recommendations prior to writing or releasing any engineering specifications. ECLI Products, LLC, owns and does business as Engineered Custom Lubricants and Lubrication Technology.



**Innovation and Experience at Work**  
**EvoLube TEK615N**

<b>Kesternich Flow Pressure</b> (DIN 51808)	20°C	1.45 psi 2.95 inches Hg 40.14 inches H2O 10.00 kPa 99.98 mbar
	-35°C	10.90 psi 22.19 inches Hg 301.7 inches H2O 75.16 kPa 751.6 mbar

<b>Four Ball Extreme Pressure</b> (ASTM D2596)	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)

**Engineered Custom Lubricants**      ISO/TS16949:2009 • Registered QMS  
3851 Exchange Ave. • Aurora, IL 60504 • T: 630.449.5000 • F: 630.585.0050 • E: customerservice@ecllube.com • [www.ecllube.com](http://www.ecllube.com)

DISCLAIMER: Since we cannot anticipate or control the many different conditions under which this information and our product may be used, we cannot guarantee the applicability of this information or the suitability of our product in any individual situation. For the same reason, the product discussed is sold without warranty expressed or implied. Please contact Engineered Custom Lubricants for assistance and recommendations prior to writing or releasing any engineering specifications. ECLI Products, LLC, owns and does business as Engineered Custom Lubricants and Lubrication Technology.