



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 *	
Type		Synthetic Hydrocarbon	
Temperature Service Range (°C)		-50 – 125	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		Polyurea	
Color		Off White	
Appearance		Smooth	
NLGI Grade		1	
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	290 min.	
	Worked	60X 310-340	
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 min.	
Oil Separation (ASTM D6184)	24h at 100°C	1.0%	
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa	4.7%	
Evaporation (CTM-1)	24h at 100°C	0.21%	
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 38 °C	1.0%	
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	2,280,000 cP	
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f	0.51mm	
Low Temperature Torque (ASTM D1478)	-40°C	Start	884 g.cm
		Run 10 min	377 g.cm
		Run 60 min	182 g.cm
Four Ball Extreme Pressure (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