



EvoLube TEK616

This evolutionary polyurea-thickened grease has outstanding long-life properties. Polyurea thickeners act to inhibit oxidation thereby adding to the long-life effectiveness of this grease. EvoLube TEK616 contains a very light viscosity white mineral oil that gives it excellent low temperature properties at -43°C. It can also operate at temperatures up to +205°C. It is a shear stable, multi-purpose, water resistant grease and is compatible with most plastics and seals. There are no heavy metals, which makes it environmentally friendly.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Type			Mineral Oil
Temperature Service Range (°C)			-43°C to 205°C
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Polyurea
Color			Blue
Appearance			Smooth
NLGI Grade			2
Penetration (ASTM D217 / DIN 51804-T1)	Worked	60X	265-295
		100.000X	265-295
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)			260 min.
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa		0.24%
Evaporation (CTM-1)	24h at 100°C		1.58%
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 38°C		3.92%
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C		1A
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f		0.52mm
	Dynamic Coefficient of Friction (steel on steel)		0.086
Specific Gravity (CTM-2)	25°C		0.972
Low Temperature Torque (ASTM D1478)	-40°C	Start	3,153 g-cm (0.309 N-m)
		Run 10 min	1,788 g-cm (0.175 N-m)
		Run 60 min	455 g-cm (0.044 N-m)