



**Innovation and Experience at Work**

## TriboGel 1919

TriboGel 1919 is fully synthetic polyurea grease and a high level of polymer additives. This grease provides moderate dampening, good EP/antiwear capability, and excellent water resistance. This grease is also very resistant to degradation from high temperature welding and washout during autophoretic coating processes.

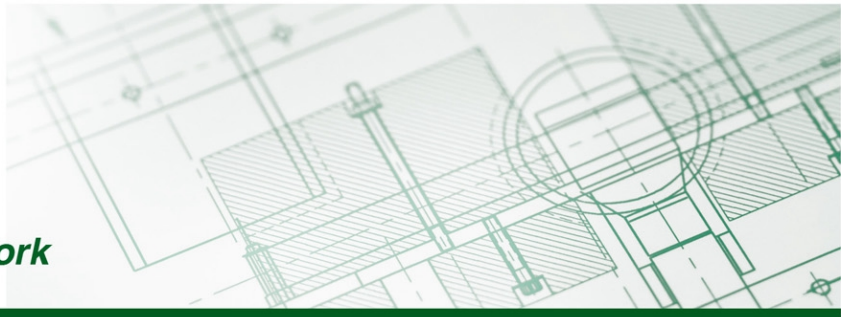
BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Synthetic Hydrocarbon
Temperature Service Range (°C)		-40 to 125
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Polyurea
Color		Off-white
Appearance		Smooth
NLGI Grade		1
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	310-340
	Worked	60X 310-340
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 min.
Oil Separation (ASTM D1742)		24h at 25°C and 1.72 kPa 2% max.
Water Washout (ASTM D1264 / DIN 51807-T2)		60 min at 38°C 1% max.
Specific Gravity (CTM-2)		25°C 0.90

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**EvoLube TEK615**

<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)	

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