



Innovation and Experience at Work

## RheoGel TEK671F

RheoGel TEK671F is a filtered calcium thickened grease designed for lube for life automotive applications that require outstanding resistance to water and corrosion. It contains synthetic oil (polyalphaolephin) that will pour at -60°C giving this grease excellent low temperature properties. It is compatible with most plastics and seals.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Туре			Synthetic Hydrocarbon
Temperature Service Range (°C)			-40 to 125
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Calcium Sulfonate Complex
Color			Tan
Appearance			Smooth
NLGI Grade			0.5
Penetration (ASTM D217 / DIN 51804-T1)	Unworked		335-360
	Worked	60X	335-360
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)			260 min.
Oil Separation (ASTM D6184)	24h at 100°C		1.7%
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa		1.59%
Evaporation (CTM-1)	24h at 100°C		0.05%
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 38°C		2.0%
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C		5,000,000 cP
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg <sub>f</sub>		0.47mm
Specific Gravity (CTM-2)	25°C		0.90
Low Temperature Torque (ASTM D1478)	-40°C	Start	2,626 g⋅cm
		Run 10 min	436 g⋅cm
		Run 60 min	286 g⋅cm

\*The values stated in this Product Data Sheet are Typical Values and *must not* be used as QC Specifications for this product. Please contact the Global Technical Services department for QC specifications for this product.

## **Engineered Custom Lubricants**

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