

Product Data Sheet

Innovation and Experience at Work

TriboGel 3506

TriboGel 3506 has been specially formulated for automotive seat mechanisms and general body hardware. It is also a light noise dampening grease. This grease has good metal anti-wear properties, low oil separation, and excellent ferrous corrosion protection.

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			1
Penetration (ASTM D217 / DIN 51804-T1)	Unworked		300 min.
	Worked	60X	310-340
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)			230 min.
Oil Separation (ASTM D6184)	24h at 100°C		5% max.
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa		0.05%
Evaporation (CTM-1)	24h at 100°C		1% max.
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 79°C		5.8%
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C		1b
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C		2,700,000 cP
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f		0.46mm
Specific Gravity (CTM-2)	25°C		0.85
Oxidation Stability (ASTM D942 / DIN 51808)	168h at 100°C		34 kPa
Low Temperature Torque (ASTM D1478)		Start	5,280 g⋅cm
	-40°C	Run 10 min	2,596 g⋅cm
		Run 60 min	560 g⋅cm
Four Ball Extreme Pressure (ASTM D2596 / DIN 51350-T4)	Load Wear Index		56.40
	Last Non-Seizure Load (scar)		100 kg (0.41mm)
	Last Seizure Load (scar)		315 kg (2.80mm)
	Weld Load		400 kg

^{*}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.

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