

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 *	
Type		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)	-40°C	Start	5,280 g·cm
		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.