



TriboGel 206

TriboGel 206 is synthetic hydrocarbon grease prepared from a lithium-based thickening agent and fortified with additives to improve oxidative stability.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
Type		Synthetic Hydrocarbon	
Temperature Service Range (°C)		-40 - 125°C	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		Lithium	
Color		White	
Appearance		Smooth	
NLGI Grade		1 to 1 ½	
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	290-320	
	Worked	60X	290-320
		100,000X	301
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		180 min.	
Oil Separation (ASTM D6184)	24h at 100°C	3% max.	
Evaporation (CTM-1)	24h at 100°C	1% max.	
Water Washout (ASTM D1264 / DIN 51807-T2)	60min at 38°C	1.5%	
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1b	
Salt Spray Corrosion (ASTM B117)	100h at 35°C	Pass	
Apparent Viscosity (Brookfield Viscometer T-C spindle 1 rpm)	-40°C	5.7 x 10 ⁶ cP	
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60min 1200rpm 75°C 40kg _r	0.52mm	
Specific Gravity (CTM-2)		0.87 g/cm ³	
Four Ball Weld (ASTM D2596 / DIN 51350-T4)	Last Non-seizure (scar)	80 kg (0.41mm)	
	Last Seizure (scar)	200 kg (2.99 mm)	
	Weld Load	250 kg	
Oxidation Stability (ASTM D942 / DIN 51808)	168h at 100°C	6.9 kPa	
Low Temperature Torque (ASTM D1478)	-30°C	Start	1125 g.cm
		Run 10 min	416 g.cm
		Run 60 min	397 g.cm
Low Temperature Torque (ASTM D1478)	-40°C	Start	2,191 g.cm
		Run 10 min	943 g.cm
		Run 60 min	657 g.cm