



RheoGel 305T

RheoGel 305T is synthetic hydrocarbon grease prepared from a lithium-based thickening agent and fortified with additives to improve oxidative stability, corrosion inhibition, and tackiness. This grease has been designed for low temperature automotive applications and is recommended from -54°C to 125°C.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
Type		Synthetic Hydrocarbon	
Temperature Service Range (°C)		-54 to 125°C	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		Lithium	
Color		Off White	
Appearance		Smooth	
NLGI Grade		2	
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	250 min.	
	Worked	60X 265-295	
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		200 min.	
Oil Separation (ASTM D6184)	24h at 100°C	6% max.	
Evaporation (CTM-1)	24h at 100°C	1% max.	
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1b	
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f	0.56mm	
	Dynamic Coefficient of Friction (steel on steel)	0.049	
Oxidation Stability (ASTM D942 / DIN 51808)	100h at 99°C	-1psi	
Low Temperature Torque (ASTM D1478)	-40°C	Start	689 g-cm
		Run 10 min	390 g-cm
		Run 60 min	221 g-cm

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