



RheoGel 719

RheoGel 719 grease is synthetic hydrocarbon grease prepared from a lithium-based thickening agent and fortified with additives to improve oxidative stability and promote film formation during transient sub-EHD operating conditions. This grease has been designed for low temperature automotive applications and is recommended from -40°C to 125°C.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Type			Synthetic Hydrocarbon
Temperature Service Range (°C)			-40 to 125
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Lithium
Color			Light Tan
Appearance			Smooth
NLGI Grade			2
Penetration (ASTM D217)	Unworked		265-295
	Worked	60X	265-295
		100,000X	337
		100,000X (10% Water)	415
Dropping Point (°C) (ASTM D2265)			260 min.
Oil Separation (ASTM D6184)		24h at 100°C	2.7%
Evaporation (CTM-1)		24h at 100°C	0.28%
Water Washout (ASTM D1264)		60 min at 38°C	2.4%
Copper Corrosion (ASTM D4048)		24h at 100°C	1a
Four Ball Wear (ASTM D2266)	60 min 1200 RPM 75°C 40kg _r		0.46mm
	Coefficient of Friction (Dynamic, Steel on Steel)		0.091
Specific Gravity (CTM-2)		25°C	0.828
Low Temperature Torque (ASTM D1478)	-40°C	Start	572 g-cm
		Run 60 min	137 g-cm

*The typical values reported on this data sheet should not be used for writing specifications or creating drawings. Please consult ECL for assistance in preparing a specification for this product. Refer to our product Material Safety Data Sheet for detailed safety information.