



The SmartGrease Company

FLUOROCARBON GEL 868L

Rust Inhibited

A PTFE thickened, light viscosity, synthetic hydrocarbon grease intended for automotive and industrial controls which require a very light tack and minimal change in damping characteristics with temperature.

Lubricant Properties		Typical Value	Test Method
Recommended Service Range (°C)		-40 to 125	
Thickener		PTFE	
Base Oil	Type	Polyalphaolefin	
	Kinematic Viscosity	100°C 230 cSt	ASTM D-445
		40°C 2054 cSt	ASTM D-445
		-40°C > 1000000 cSt	ASTM D-445
	Viscosity Index	251	ASTM D-2270
	Flash Point	°C > 200	ASTM D-92
	Pour Point	°C -37	ASTM D-97
Typical Properties of the Grease		Typical Value	Test Method
Color, Appearance		White	
Penetration	Worked	303	ASTM D-217
(1/10 mm)	Worked	60 X	ASTM D-217
	Unworked	2	ASTM D-217
Density		25°C 1.19 g/cm³	NYE CTM
Oil Separation	24 hour(s)	100°C 1.03 %	FTM 791, Method 321.2
Evaporation	24 hour(s)	100°C 0.2 %	NYE CTM
Water Washout	60 minute(s)	80°C 0.51 %	ASTM D-1264
SRV, Step Load	75°C, 50 Hz	500 N	ASTM D-5706

The typical properties shown on this product data sheet should not be used as a basis for preparing specifications. Refer to our product Material Safety Data Sheet for detailed safety information.

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