



**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 40°C -40°C	230 cSt 2054 cSt > 1000000 cSt
	Viscosity Index	251	ASTM D-2270
	Flash Point	°C	> 200
	Pour Point	°C	-37
Typical Properties of the Grease		Typical Value	Test Method
Color, Appearance		White	
Penetration (1/10 mm)	Worked	303	ASTM D-217
	Worked	60 X	ASTM D-217
	Unworked	2	ASTM D-217
Density		25°C	1.19 g/cm <sup>3</sup>
Oil Separation	24 hour(s)	100°C	1.03 %
Evaporation	24 hour(s)	100°C	0.2 %
Water Washout	60 minute(s)	80°C	0.51 %
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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