



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 (1/10 mm)	Worked		303	ASTM D-217
	Worked	60 X	295	ASTM D-217
	Unworked		2	ASTM D-217
Density		25°C	1.19 g/cm ³	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. (0901)