



NYE NYOGEL[®] 759G

A soft, silica thickened, high viscosity synthetic hydrocarbon, grease intended for lubrication and protection of tin lead electrical connectors.

Ford: ESB-M1C203-A
GM: 9985821

The SmartGrease[™] Company

Lubricant Properties			Typical Value	Test Method
Recommended Service Range (°C)			- 40 to 125	
Thickener			Silica	
Base Oil (Synthetic Oil 176)	Type		PAO	
	Kinematic Viscosity cSt (mm ² /s)	100°C	39.4	ASTM D-445
		40°C	390	
		-40°C	-	
	Viscosity Index		150	ASTM D-2270
	Flash Point (°C)		300	ASTM D-92
Pour Point (°C)		- 30	ASTM D-97	
Typical Properties of the Grease				
Color, Appearance			Light Yellow, Smooth	
Penetration 1/10 mm	Unworked		310 to 340	ASTM D-217
	Worked	60 X	317	
		10,000 X	-	
		100,000 X	-	
NLGI Grade		1		
Density	gm/cc	25°C	0.89	ASTM D-1480
Dropping Point (°C)			> 260	ASTM D-2265
Oil Separation	24 hours	100°C	3 %	FTM 791B, 321.2
Evaporation	24 hours	100°C	0 %	ASTM D-972
Water Washout	60 minutes	80°C	1.2 %	ASTM D-1264
Copper Corrosion	24 hours	100°C	-	ASTM D-4048
4 Ball Wear	60 min., 1200 RPM 40 kg. load	75°C	-	ASTM D-2266
		150°C	-	
Low Temperature Torque (-40°C) gm-cm	Starting Torque		-	ASTM D-1478
	Running Torque	10 minutes	-	
	Running Torque	60 minutes	-	
Oxidative Stability	100 hours	100°C	10.2 kPa (1.5 psig)	ASTM D-942
Bearing Rust Test			-	ASTM D-1743
Coefficient of Thermal Expansion	cc/cc/°C	25°C to 100°C	0.0003	
Refractive Index			25°C	ASTM D-1218
Apparent Viscosity			See Figure 1	

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. (0205)

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