



# NYE NYOGEL<sup>®</sup> 758G

**Electrically Conductive**

A stiff, lithium soap thickened, light viscosity, synthetic ester grease intended for demanding bearing applications. Specially developed for electrical conductivity.

*The SmartGrease<sup>™</sup> Company*

Lubricant Properties			Typical Value	Test Method
<b>Recommended Service Range (°C)</b>			-40 to 150	
<b>Thickener</b>			Lithium Soap	
<b>Base Oil</b>	Type		Ester	
	Kinematic Viscosity cSt (mm <sup>2</sup> /s)	100°C	6.4	ASTM D-445
		40°C	32.2	
		-40°C	-	
	Viscosity Index		154	ASTM D-2270
	Flash Point (°C)		254	ASTM D-92
Pour Point (°C)		-54	ASTM D-97	
Typical Properties of the Grease				
<b>Color, Appearance</b>			Black, Smooth	
<b>Penetration 1/10 mm</b>	Unworked		225	ASTM D-217
	Worked	60 X	231	
		10,000 X	-	
		100,000 X	-	
NLGI Grade		3		
<b>Density</b>	gm/cc	25°C	0.94	ASTM D-1480
<b>Dropping Point (°C)</b>			>260	ASTM D-2265
<b>Oil Separation</b>	24 hours	100°C	0.0	FTM 791B, 321.2
<b>Evaporation</b>	24 hours	100°C	0.6	ASTM D-972
<b>Water Washout</b>	60 minutes	80°C	3.92	ASTM D-1264
<b>Copper Corrosion</b>	24 hours	100°C	1A (no corrosion)	ASTM D-4048
<b>4 Ball Wear</b>	60 min., 1200 RPM 40 kg. load	75°C	0.81	ASTM D-2266
		150°C	-	
<b>Low Temperature Torque (-40°C) gm-cm</b>	Starting Torque		-	ASTM D-1478
	Running Torque	10 minutes	-	
	Running Torque	60 minutes	-	
<b>Oxidative Stability</b>	168 hours	100°C	58.6 kPa	ASTM D-942
<b>Bearing Rust Test</b>			-	ASTM D-1743
<b>Volume Resistivity</b>		25°C	300 ohm-cm	CTM-12

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)