



NYE NYOGEL[®] 753G

A stiff, carbon thickened, light viscosity, polyolester grease intended for wide temperature applications where a degree of electrical conductivity in the grease is required.

The SmartGrease[™] Company

Lubricant Properties			Typical Value	Test Method
Recommended Service Range (°C)			- 40 to 150	
Thickener			Carbon	
Base Oil	Type		Polyolester	
	Kinematic Viscosity cSt (mm ² /s)	100°C	9.0	ASTM D-445
		40°C	57.0	
		-40°C	37,000	
	Viscosity Index		142	ASTM D-2270
	Flash Point (°C)		285	ASTM D-92
Pour Point (°C)		- 56	ASTM D-97	
Typical Properties of the Grease				
Color, Appearance			Black, Smooth	
Penetration 1/10 mm	Unworked		226	ASTM D-217
	Worked	60 X	230	
		10,000 X	275	
		100,000 X	-	
NLGI Grade		3		
Density	gm/cc	25°C	1.06	ASTM D-1480
Dropping Point (°C)			None, Non-Melting	ASTM D-2265
Oil Separation	24 hours	100°C	0.2 %	FTM 791B, 321.2
Evaporation	24 hours	100°C	0.1 %	ASTM D-972
Water Washout	60 minutes	80°C	0.8 %	ASTM D-1264
Copper Corrosion	24 hours	100°C	None	ASTM D-4048
4 Ball Wear	60 min., 1200 RPM 40 kg. load	75°C	0.57 mm	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	168 hours	100°C	None	ASTM D-942
Approximate Volume Resistivity		ohm-cm	28	CTM-12
Bearing Rust Test			-	ASTM D-1743
Apparent Viscosity			-	

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. (0409)