NYE NYOGEL® 756G

Rust Inhibitor

A silica thickened, light viscosity, synthetic hydrocarbon grease intended for electrically conductive, instrument and bearing applications.

The SmartGrease Company

Lubricant Properties			Typical Value	Test Method
Recommended Service Range (°C)			- 40 to 125	
Thickener			Silica	
Base Oil (Synthetic Oil 181)	Type		PAO	
	Kinematic Viscosity cSt (mm^2/s)	100°C	9.5	ASTM D-445
		40°C	60.7	
		-40°C	25,300	
	Viscosity Index		131	ASTM D-2270
	Flash Point (°C)		241	ASTM D-92
	Pour Point (°C)		- 57	ASTM D-97
Typical Properties of the Grease				
Color, Appearance			Black, Smooth	
Penetration 1/10 mm	Unworked		279	ASTM D-217
	Worked	60 X	286	
		10,000 X	306	
		100,000 X	-	
	NLGI Grade		2	
Density	gm/cc	25°C	0.88	ASTM D-1480
Dropping Point (°C)			None, Non-Melting	ASTM D-2265
Oil Separation	24 hours	100°C	1.7 %	FTM 791B, 321.2
Evaporation	24 hours	100°C	0.1 %	ASTM D-972
Water Washout	60 minutes	80°C	0.6 %	ASTM D-1264
Copper Corrosion	24 hours	100°C	-	ASTM D-4048
4 Ball Wear	60 min., 1200 RPM 40 kg. load	75°C	1.03 mm	ASTM D-2266
		150°C	-	
Low Temperature Torque (-40°C) gm-cm	Starting Torque		1,062	ASTM D-1478
	Running Torque	10 minutes	502	
	Running Torque	60 minutes	295	
Oxidative Stability	100 hours	100°C	-	ASTM D-942
Approximate Volume Resistivity		ohm-cm	34	CTM-12
Bearing Rust Test	48 hours	52°C	Pass	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. (0904)

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