



NYE NYOGEL™ 792D

EP Fortified

A semi-fluid, silica thickened, medium viscosity, synthetic hydrocarbon grease intended for gear trains, gear motors and worm and planetary gears.

The SmartGrease Company

广州孚润 400-992-6811

Lubricant Properties			Typical Value	Test Method
Recommended Service Range (°C)			- 30 to 125	
Thickener			Silica	
Type			PAO	
Base Oil	Kinematic Viscosity cSt (mm ² /s)	100°C	22	ASTM D-445
		40°C	182	
		-40°C	-	
	Viscosity Index		141	ASTM D-2270
	Flash Point (°C)		286	ASTM D-92
Pour Point (°C)		- 45	ASTM D-97	
Typical Properties of the Grease				
Color, Appearance			Blue to Green, Smooth	
Penetration 1/10 mm	Unworked		413	ASTM D-217
	Worked	60 X	437	
		10,000 X	-	
		100,000 X	-	
NLGI Grade		00 - 000		
Density	gm/cc	25°C	0.88	ASTM D-1480
Dropping Point (°C)			> 260	ASTM D-2265
Oil Separation	24 hours	100°C	14.3 %	FTM 791B, 321.2
Evaporation	24 hours	100°C	0.0 %	ASTM D-972
Water Washout	60 minutes	40°C	-	ASTM D-1264
Copper Corrosion	24 hours	100°C	-	ASTM D-4048
4 Ball Wear	60 min., 1200 RPM 40 kg. load	75°C	0.54 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	34 kPa	ASTM D-942
Bearing Rust Test			-	ASTM D-1743
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. (0708)

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Figure 1

