

# 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 World Leader in Synthetic Lubricants

Lubricant Properties			Typical Value	Test Method
Recommended Service Range (°C)			- 30 to 125	
Thickener			Silica	
Type			PAO	
Base Oil	Kinematic Viscosity cSt (mm <sup>2</sup> /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			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. (0205)

Figure 1

