



# NYE NYOGEL<sup>®</sup> 670F

A silica thickened, medium viscosity, synthetic hydrocarbon grease intended for sliding, bearing and gear train applications. Suitable for use on machinery and instrumentation where incidental contact with food is a possibility

The SmartGrease<sup>™</sup> Company

NSF H-1 Approved

Lubricant Properties			Typical Value	Test Method
<b>Recommended Service Range (°C)</b>			- 35 to 120	
<b>Thickener</b>			Silica	
<b>Base Oil</b>	Type		PAO	
	Kinematic Viscosity cSt (mm <sup>2</sup> /s)	100°C	22.8	ASTM D-445
		40°C	194	
		-40°C	-	
	Viscosity Index		152	ASTM D-2270
	Flash Point (°C)		235	ASTM D-92
Pour Point (°C)		< - 40	ASTM D-97	
<b>Typical Properties of the Grease</b>				
<b>Color, Appearance</b>			White, Smooth	
<b>Penetration 1/10 mm</b>	Unworked		260	ASTM D-217
	Worked	60 X	281	
		10,000 X	-	
		100,000 X	-	
NLGI Grade		2		
<b>Density</b>	gm/cc	25°C	-	ASTM D-1480
<b>Dropping Point (°C)</b>			non- melting	ASTM D-2265
<b>Oil Separation</b>	24 hours	100°C	3 %	FTM 791B, 321.2
<b>Evaporation</b>	24 hours	100°C	0.18 %	ASTM D-972
<b>Water Washout</b>	60 minutes	40°C	-	ASTM D-1264
<b>Copper Corrosion</b>	24 hours	100°C	-	ASTM D-4048
<b>4 Ball Wear</b>	60 min., 600 RPM 40 kg. load	25°C	-	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>	100 hours	100°C	-	ASTM D-942
<b>Bearing Rust Test</b>			-	ASTM D-1743
<b>Apparent Viscosity</b>			-	

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. (0707)