NYE NYOGEL® 774

A silica thickened, medium viscosity, synthetic hydrocarbon grease intended for mechanical components requiring a light amount of damping.

DaimlerChrysler: MS-10232

The SmartGrease Company

Lubricant Properties			Typical Value	Test Method
Recommended Service Range (°C)			- 30 to 120	
Thickener			Silica	
Base Oil (Synthetic Oil 274)	Type		PAO	
	Kinematic Viscosity cSt (mm^2/s)	100°C	525	ASTM D-445
		40°C	5,548	
		-40°C	> 1,000,000	
	Viscosity Index		280	ASTM D-2270
	Flash Point (°C)		> 200	ASTM D-92
	Pour Point (°C)		- 30	ASTM D-97
Typical Properties of the Grease				
Color, Appearance			Tan to Light Brown, Smooth	
Penetration 1/10 mm	Unworked		264	ASTM D-217
	Worked	60 X	283	
		10,000 X	-	
		100,000 X	-	
	NLGI Grade		2	
Density	gm/cc	25°C	-	ASTM D-1480
Dropping Point (°C)			> 260 Non-Melting	ASTM D-2265
Oil Separation	24 hours	100°C	1.2 %	FTM 791B, 321.2
Evaporation	24 hours	100°C	0.1 %	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	-	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	100 hours	100°C	-	ASTM D-942
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. (0205)

Nye Lubricants, Inc. 12 Howland Road, Fairhaven, MA 02719 USA Ph: 1.508.996.6721 Fx: 1.508.997.5285 **nyelubricants.com**