

## Flurotemp 512

**High Temperature Grease with  
Non-Oxidizing &  
Chemical Resistant Properties**

**Typical Properties :**

Characteristics	Test Methods	Unit	Specifications
Colour	Visual	-	White
Appearance	Visual	-	Smooth
Thickener	-	-	PTFE
Base Oil - Synthetic [UniFlor 8620]		-	PFPE
Viscosity @ 100°C	ASTM D-445	cSt	47
@ 40°C	ASTM D-445	cSt	510
Viscosity Index	ASTM D-2270	-	135
Flash Point	ASTM D-92	°C	None (non-flammable)
Pour Point	ASTM D-97	°C	- 20
Penetration Unworked	ASTM D-217	0.1 mm	254
Penetration Worked [60 X]	ASTN D-217	0.1 mm	272
NLGI Grade		-	2
Density @ 25°C	ASTM D-1480	gm/cc	1.94
Dropping Point	ASTM D-2265	°C	Non-Melting
Oil Separation [24 hrs] @ 100°C	FTM 791B, 321.2	%	0.1
@ 150°C	FTM 791B, 321.2	%	4.9
Evaporation [24 hrs] 150°C	ASTM D-972	%	0
Water Washout [60 mins.] 80°C, M. loss	ASTM D-1264	%	1.1
Copper Corrosion [24 hours] @ 150°C	ASTM D-4048	-	2a, No Corrosion
Four Ball Wear 60 min., 1200 RPM @ 75°C	ASTM D-2266	mm	0.66
Oxidation Stability [168 hours] @ 100°C	ASTM D-942	psig	0.5
Bearing Rust Test [24 hours] 52°C	ASTM D-1743	-	Pass (No Corrosion)
Recommended Service Temp. Range	-	°C	- 20 to 250

Packing : 1 kg Jar

Due to continual upgradation of products above data is subject to change without notice.

This supersedes our previously issued data sheets.

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