

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]	ASTM 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.

[REV.0 / 28.11.17]

Information and data given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of a product for a particular use is beyond our control; all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.

Anand Engineers Pvt Ltd. 66, MIDC, Road No. 13, Andheri (East), Mumbai - 400093,INDIA.

Tel :+91 22 28219292/8/9 Fax: +91 22 28379337 Email: sales@molygraph.com Web: www.molygraph.com