

## Flurotemp 512

*High Performance High Temperature Chemical Resistant Fluorinated Grease*



### YOUR BENEFITS

- PTFE thickened fluorinated synthetic non-melt grease for high temperature resistance.
- Non oxidizing & chemical resistant.
- Low evaporation rate. High viscosity Index oil used.
- Extended re-lubrication periods. Low carbonization at high temperatures.
- Minimal maintenance costs due to longer service life of the lubricant.
- Food Grade ingredients used. Products are NSF & HALAL Certified.
- Chemically and mechanically stable over a wide operating temperature band.
- Blended from 100 % imported raw material. Highly economically priced.

#NSF Registration No : 164796

### APPLICATION

- Primarily formulated for high temperature single-facer pressure roll & preheater bearings exposed to adverse conditions.
- For grease lubricated stenter chain bearings, godet bearings, roller bearings of fans & motors in hot zones, steamer bearings, compensators & rollers in the hot flue, steam headers in textile processing industry. Segmented molds in radial tyre manufacturing.
- Grease lubricated turning rollers in the ovens of paint shop & powder coating plants.
- Blister packing machines, roller bearings of the Kiln Car Trolleys of Sanitary wares.
- Tunnel bearings of Autoclaves. Oven trolley bearings in the Bakeries.
- High temperature areas of a roto molding machine, rotary joints in polyester film manufacturing
- Hot bearings in the extruder head of the plastic extrusion machines.

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CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	Visual	-	Smooth
Colour	Visual	-	White
Thickener	-	-	PTFE
Base Oil	-	-	PTFE
Viscosity @ 40°C / 100°C	ASTM D 445	cSt	500 / 45
NLGI Grade	-	-	# 2
Worked Penetration	ASTM D 217	0.1 mm	265-295
Oil Separation @ 66°C [24 hrs]	ASTM D 6184	%	0.1
Evaporation @ 100°C [24 hrs]	ASTM D 972	%	1
Water Washout @ 80°C	ASTM D 1264	%	< 2
Copper Strip Corrosion @ 100°C [24 hrs]	ASTM D 4048	Rating	1b
Oxidation Stability	ASTM D 942	psig	0.8
Flash Point	ASTM D 92	°C	None
Corrosion inhibiting properties of lubricating greases	ASTM D 6138 (SKFEMCOR), test duration: 1 week, distilled water	Rating	0 corrosion degree
Operating Temperature Range	-	°C	-30/+260

### INDUSTRY:

Automotive Components,  
Automotive Manufacturing,  
Pulp & Paper,  
Plastic Moulding, Textile

### PACK SIZE:

1 kg / 5 kg Bucket

### SHELF LIFE:

24 Months

The values quoted above are typical and do not constitute a specification.

Marginal variation in shade can be expected from batch to batch. The color has no effect on the lubricating properties of the product. MSDS available on request. Due to continual upgradation of products above data is subject to change without notice.

This supersedes our previously issued data sheets.

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 assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.