

FM 3000/320

Synthetic lubricating oil; NSF registered

Product description

FM 3000/320 synthetic oil is an extreme pressure capable food machinery lubricating fluid based on synthetic hydrocarbons (PAO) for providing high performance under severe operating conditions.

Formulated with a selected blend of premium grade additives for high load carrying, high temperature oxidation and corrosion protection, this oil is designed for maximum performance under the most demanding operating conditions.

High degree of thermal & oxidation stability allows for extended lubrication, increase in re-lubrication intervals and reduction in lubricant costs.

Meet requirements of NSF H1 (lubricants with incidental food contact) and contain ingredients permitted under FDA 21 CFR 178.3570 H1

Features & benefits

- NSF H1 Registration Certificate # 158632
- Reduces wear and protects gear teeth from micro pitting
- Improves efficiency and energy saving by way of lesser power consumption
- Excellent extreme pressure protection
- Outstanding thermal and oxidative stability
- Reduces lubricant consumption
- Prolongs oil change intervals and extended drains
- Possesses high shear stability
- Increases service life of equipment
- Reduces maintenance costs and downtime
- Low foaming tendencies
- Compatible with all commonly used elastomers, gaskets and sealing materials

Applications

- Food processing (H-1)
- Hydraulic systems
- Poultry processing
- Meat processing
- Breweries
- Pharmaceutical manufacturing machinery
- Lubrication of enclosed gears, chains, joints, guides, conveyors, roller bearings, valves

How to use

Use as supplied. Never dilute or mix with other oils or grease.

Can be applied by immersion, immersion circulation and injection. Use as per instructions laid down in manufacturers manual. Replace cap after use.

Test	Unit	Result	Standard
Appearance		Clear oily liquid	Visual
Colour		Light, nearly water white	Visual
Base		Synthetic hydrocarbon (PAO)	In house
Viscosity @ 40°C	mm ² /s	~320	ASTM D-445
Viscosity @ 100°C	mm ² /s	~35	ASTM D-445
Viscosity index		>150	ASTM D-2270
ISO VG grade		320	
Density, 20°C	g/cm ³	0.86	ASTM D-1298
Flash point	°C	>200	ASTM D-92
Pour point	°C	-30	ASTM D-97
Copper strip corrosion test	rating	1a	ASTM D-130
Lower working limit	°C	-30	
Upper working limit	°C	120	
Four ball weld load	N	ND	
Soluble in water		No	
NSF category code		H1	
NSF registration number		158632	
Shelf life from manufacturing month, unopened container	Months	60	

General

Use in well-ventilated areas. Avoid continuous breathing of vapor and spray mist. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

Handling

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards.

Manufactured by:
ASV Multichemie Private Limited
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Disposal

All used and unused product should be disposed of in accordance with state regulations.

Limited warranty

Product manufactured is for industrial use only. The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended ASV product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty.

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