



Aerolube Technologies



Technical Data Sheet

SPtech Fluonox COR 200 Synthetic high performance high temperature grease for withstanding heat, chemicals, solvents, corrosion, toxicity, flammability, compatibility and providing increased service life

Product Description

Stanvac SPTECH Fluonox COR 200 grease is a perfluorinated polyether (PFPE) based lubricating grease for use in severe operating conditions of high temperature and aggressive chemical environments.

It exhibits excellent resistance to thermal degradation and offers excellent lubrication over a wide temperature range of -20 to +250°C.

It is non-flammable, oxygen compatible and chemically inert.

Extremely low evaporation loss at high temperatures increases re-lubrication intervals and reduces lubrication and associated maintenance costs thereof.

Stanvac SPTECH COR 200 grease offers extended protection from rusting, corrosion and wear.

Applications

- Life time sealed, maintenance free bearings Single facer and preheater bearings of paper corrugation plants exposed to high temperatures, moisture and aggressive chemicals

Benefits

- Extremely wide service temperature range
- Excellent chemical and water washout resistance
- Excellent resistance to oxidation and high degree of thermal stability
- Non-reactive to metal, plastic, elastomers and rubber
- Extremely low evaporation loss
- Very good extreme pressure and wear characteristics
- Nonflammable, chemically inert non-toxic

Directions for Use

Use as supplied. Never dilute or mix with other oil or grease. Apply by normal greasing methods of filling greases i.e. by brush or by suitable methods for dispensing NLGI 2 grade grease. This grease is not compatible with other greases or conventional lubricants and should not be mixed with any other oils or grease. Replace cap after use.

General

Use in well ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

Available Packaging

1 Kg

Shelf Life

36 months from date of manufacture in sealed condition.

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TECHNICAL PROPERTY

Parameter	Value	Unit	Standard
Type	Synthetic grease with lubricating solids		
Appearance	Smooth buttery grease		Visual
Base oil	PFPE		In house
Thickener	Inorganic		In house
Solid lubricants	Inorganic		In house
Color 1	White		Visual
Base oil viscosity @ 40°C	510	mm ² /s	ASTM D 445
Base oil viscosity @ 100°C	47	mm ² /s	ASTM D 445
Viscosity Index	135		ASTM D 2270
Penetration, unworked	250	mm/10	ASTM D 217
Penetration, worked, 60 x	270	mm/10	ASTM D 217
NLGI Consistency	2	Class	DIN 51 818
Density, @ 25°C	1.9	g/cm ³	
Drop point	None	°C	ASTM D 566
Flash point	None	°C	
Service temperatures	-20 to +250	°C	
Four ball weld scar, 1h, 1200rpm, 75°C	0.66	mm	ASTM D 2266
Bearing rust test, 24h @ 54°C	Pass		ASTM D 1743
Evaporation loss, 30h, 150°C	0	%	ASTM D 972
Oil separation, 30h, 150°C	<5	%	ASTM D 6184

Disposal

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

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. Safety data sheet is available from Aerolube or your local Aerolube distributor.

Limited Warranty

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 Stanvac 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. Product manufactured is for industrial use only.

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