

MF 555 Paste

Metal free thread compound for rotary shoulder connections

Product description

MF 555 is a non-metallic thread compounds based on a combination of micro fine lubricating solids, specially processed graphite and heat resistant inorganic low friction secondary boundary film lubricants in a metal complex soap based grease along with additives to prevent degradation from oxidation, rust and corrosion.

Features & benefits

- Excellent high temperature stability and low temperature brushability
- Free of zinc, lead or heavy metals
- Special complex soap grease bases allow to stick to wet joints
- Inhibitors protect against rust and corrosion
- Extreme pressure additives increase load bearing capacity and protect against seizure and galling
- High pressure withstanding capacity
- Low bleed formula with a high percent of amorphous synthetic graphite

Applications

- As an economical alternate to zinc or copper containing products and is recommended for rotary shoulder connections under medium to heavy duty drilling under extreme temperatures and conditions.

Do not use on oxygen lines or in oxygen enriched atmospheres.

How to use

Use as supplied. Never mix with other greases or dilute with any oils. All ASV® pastes are high concentrations of solid lubricants in suitable oil carriers. Oil separation might occur over an extended period of time. If required, stir the contents by any simple mechanical means for a few minutes, and the product will regain its original consistency.

Test	Unit	Result	Standard
Appearance		Solid, grease	Visual
Colour		Black	Visual
Base oil		Petroleum	Visual
Base oil, flash point	°C / °F	>221 / >430	ASTM D-92
Thickener		Lithium complex	In house
Penetration (unworked)	mm/10	310-320	ASTM D-217
NLGI Class		1	DIN 51 818
Density @ 20°C	g/cm ³ lb/gal	1.282 10.7	ASTM D-1298
Drop point	°C / °F	>260 / >500	ASTM D-2265
Lower operating temperature	°C / °F	-9 / 15	In house
Upper operating temperature*	°C / °F	316 / 600	In house
Oil separation, wt. loss, 100°C / 212°F	%	<3	ASTM D-6184
Copper strip corrosion		1a	ASTM D-4048
Friction Factor, standard service		1.0	API RP 7G
Shelf life from manufacturing month, unopened container	Months	60	In house

* thermal resistance of lubricating solids

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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