

MF 1000 PASTE

Metal Free Thread Compound For Drill Collars, Pipes, Tubing & Casing

Product Description

MF 1000 is a premium grade metal free compound formulated specially for use on tool joints and drill collars in the oil field industry.

MF 1000 is formulated with pure amorphous synthetic graphite along with high performance minerals and polymeric materials blended in a high drop point, water resistant grease and is particularly suitable for use under adverse operating conditions.

MF 1000 reduces friction during assembly, prevents cold welding of shoulder / collar joints, ensures consistent joint make up and breakout and meets requirements of API RP 7G.

Applications

- For use in the oilfield industry as a tool joint and drill collar compound for preventing seizure, galling and ensure easy breakout for all drill collars, drill pipes, tubings and casings.

Benefits

- Good mechanical stability
- Excellent high and low temperature stability
- Good oxidation stability
- Offers corrosion protection
- Reduces friction during assembly
- Prevents cold welding of shoulder / collar joints
- Prevents galling, seizure and pick up
- Ensures consistent joint make up and breakout
- Does not contain any hazardous products and is non-toxic
- Highly adhesive and sticks to wet surfaces
- Soft malleable, pumpable consistency

Directions for Use

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

MF 1000 PASTE

TECHNICAL PROPERTY

Parameter	Value
Appearance	Smooth grease like paste
Color	Black
Base Oil	Mineral
Thickener	Metal complex
Penetration, ASTM D 217	310-340
NLGI Grade	1
Specific Gravity @ 20°C	1.10 ±0.1
Drop Point, ASTM D 2265	+ 232°C / 450°F
Flash Point, Base Oil ASTM D 92	+ 220°C / 430°F
Oil Separation, % by wt., ASTM D 6184	< 3
Copper Strip Corrosion, ASTM D 4048	1A
Four Ball Weld Point, kgf ASTM D 2596	+ 1000 kg
Friction Factor	1.15
Lower Temperature Limit, °C	-18

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).

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 ASV or your local ASV distributor.

Available Packaging

20 kg, 180 kg

Shelf Life

36 months from date of manufacture in sealed condition.

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 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. Product manufactured is for industrial use only.

WWW.ASVMULTICHEMIE.COM

Manufactured by
ASV Multichemie Private Limited
W 46, TTC Industrial Area, MIDC Rabale,
Navi Mumbai 400 701 INDIA
Contact: +91 22 2764 2516
Email: info@asvmultichemie.com

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