

API MODIFIED PASTE

THREAD COMPOUND

Product Description

API Modified is a non-drying, non-hardening, high pressure thread compound that conforms to requirements of API RP 5A3 (former API Bulletin 5A2).

API Modified is formulated using zinc, graphite, copper, lead as per API specifications in a lithium soap thickened, low sulfur content mineral oil based grease along with inhibitors to prevent degradation due to rust and oxidation

API Modified tenaciously adheres to all surfaces, resists water washout, seals and withstand pressures to 10,000 psi.

API Modified reduces friction in the makeup of casing and tubing, protects against galling pick-up and wear, resists water and water washout and provides maximum protection to threaded surfaces under corrosive influences.

Applications

ASV API Modified thread compound is specially formulated for use on API casing, tubing and line pipe connections to protect, lubricate and seal oilfield tubular connections on makeup, in service and in storage.

Not recommended for rotary shouldered connections.

Benefits

- Conforms to requirements of API RP 5A3
- Non hardening, non-drying
- Brush able over a wide temperature range
- Fortified with additives to prevent rust and degradation against oxidation
- Prevents galling and wear by reducing friction in makeup of casing and tubing

Directions for Use

By normal greasing methods of filling greases i.e. by brush, grease guns or centralized lubricant dispensing systems. Use as supplied. Never dilute or mix with other oil or grease. Can be cleaned using any regular solvents such as alcohols, ketones, chlorinated.

API MODIFIED PASTE

TECHNICAL PROPERTY

Parameter	Value	Unit	Standard
Appearance	Smooth grease		
Base oil	Mineral		
Thickener	Lithium		
Color ¹	Blackish brown		
Penetration, worked	310-340	mm/10	ASTM D 217
NLGI Consistency	1	Class	DIN 51 818
Density, @ 25°C	1.95	g/cm ³	
Drop point	+ 190	°C	ASTM D 566
Pour point, oil	-18	°C	
Flash point, oil	+ 220	°C	
Copper strip corrosion	1a	Rating	ASTM D 130
Evaporation loss	<2	%	
Oil separation	<5	%	
Brushability	-18	°C	
Service rating	-18 to +177	°C	

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.

Manufactured by
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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.

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