



Technical Information

CP 45

Paste

Copper based multipurpose lubricating paste for easy assembly of threaded connections and for corrosion protection

Applications

- Highly recommended for use on all threaded and flanged connections operating at very high temperatures and corrosive conditions to enable faster and rapid non-destructive disassembly after long operational periods.
- Heavy-duty thread compound for studs, nuts, bolts, valve stems, spindles, exhaust pipes, cylinder and engine head screws, steam lines to provide complete protection from seizure and corrosion.

Benefits

- Extremely wide service temperature range of -18°C to +1100°C
- Makes disassembly very easy and non-destructive even after long operational periods at high temperatures and adverse working environments
- High load carrying capacity
- Prevents metal-to-metal contact
- Good corrosion protection
- Prevents bolt breaking, seizure and thread striping
- Protects surfaces from wear and friction
- Excellent lubricity and lowers friction

Directions for Use

Use as supplied. Never dilute or mix with other oil or grease. Clean and degrease the surface prior to application. Apply this paste with a brush or a cloth rag.

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Technical Properties

Parameter	Value	Unit	Standard
Type	Solid lubricants, metal powders and additives in oil		
Appearance	Smooth homogenous paste		
Color ¹	Copper		
Penetration - unworked	330-370	mm/10	ASTM 217
Density, @ 25°C	1.2-1.3	g /CM*	
Drop point	+180	°C	ASTM D 566
Service temperatures [*]	-18 to +1100	°C	
SKF-Emcor method Degree of corrosion	0/ 0 (no corrosion)		DIN 51 802
Water resistance, static evaluation	1-90		DIN 51 807 pt.1
Four ball test, weld load	3600	N	DIN 51 350 pt. 4
Four ball test, wear scar, 800N load	1.2	mm	DIN 51 350 pt. 5

1. Minor color variation of the same product but of different batches could be possible. However the lubrication values remain unchanged.

2. Solid lubricants maintain lubrication up to +1100°C

Available Packaging

- 1 kg, 5 kp container

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.

Shelf Life

60 months from date of manufacture in sealed condition

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.

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.