

CP 20 Paste

Copper paste for chisel bushings of hydraulic hammers and breakers

Product description

Molysulf CP 20 chisel paste contains copper, graphite, anti-wear solid lubricants as friction modifiers and forms a long-lasting solid lubricants film of high load carrying capacity to protect surfaces from wear by reducing friction even after the hydrodynamic oil film is destroyed.

Formulated for withstanding extreme pressures, vibratory shocks, loads, temperatures and is specifically designed for use in hydraulic hammers, chisels & breaker applications.

Features & benefits

- Service temperature range of -20°C to +1100°C
- Extremely stable under harsh conditions of heat, water, mild chemicals
- High load withstanding capacity and creates an effective matrix between mating surfaces to prevent metal-to-metal contact
- Protects surfaces from wear, friction and reduces surface contact temperatures
- Increases service life of components
- Excellent shear and mechanical stability
- Excellent protection against corrosion, water and water spray off

Applications

For socket tools, pneumatic drills, chisel bushings, hydraulic hammers / breakers and other power tools.

How to use

Use as supplied. Never mix with other greases or dilute with any oils. For optimum performance, clean the contact surface.

Use any ASV heavy duty industrial strength solvent based cleaner degreaser available in aerosol spray or bulk liquid pack. When using a water based degreaser, ensure complete removal of any residues of the water based alkaline cleaning solution prior to applying grease.

Apply on clean, dry, degreased contact points by brush, cloth or chamois leather. Rub intensively on the metal surface to form a thin uniform lubricating film.

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. Never use in excess as is customary with grease lubrication and never use paste instead of grease.

Test	Unit	Result	Standard
Appearance		Solid, grease	Visual
Colour		Dark brown	Visual
Base oil		Partly synthetic	Visual
Thickener		Complex	In house
Penetration (unworked)	mm/10	280-310	ASTM D-217
NLGI Class		1-2	DIN 51 818
Density @ 20°C	g/cm ³	1.15	ASTM D-1298
Drop point	°C	+290	ASTM D-566
Lower operating temperature	°C	-20	In house
Upper operating temperature*	°C	+1100	In house
Four ball OK weld load	N	8000	DIN 51 350 pt.4
Wear scar (1h, 800N)	mm	0.65	DIN 51 350 pt. 5
Water resistance, static		0-90	DIN 51 807 pt.1
Copper strip corrosion		1a	ASTM D-4048
Coverage	m ² /kg	3-4	
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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