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PRODUCT DATA

SA 30-E/SYNTH GREASE

DESCRIPTION



A synergistic combination of solid lubricants in paste form for assembly of all types of metal components. It is blue black in colour with a very low coefficient of friction.

APPLICATIONS



Running in lubricant for:-

- Newly machined parts.
- Plain bearings.
- Anti-friction bearings.
- Slide ways and guides.
- Splined shafts.
- Gear faces.

Anti seize for:-

- Threads of fasteners of all metals.
- Especially useful to prevent seizure of stainless steel nuts and bolts.

First aid lubricant for:-

- Scored or damaged surfaces.

TECHNICAL



This super slippery paste is supported by a combination of extreme pressure additives for the purpose of carrying lower loads where molybdenum disulphide is not yet functional to a more highly loaded condition where the MoS₂ takes over. It is not always possible or practical to stop machinery to burnish a bonded moly layer on to a scored surface. SA 30-E/SYNTH paste is an ideal first aid lubricant as it does not need to be burnished onto the components. As the machinery runs a multi-laminated coating is rapidly achieved on the metal surface allowing metal forming under this layer smoothing out any damaged or scored surfaces. This is the lowest co-efficient of friction paste we manufacture.

LUBRICANT



- For ultra high loads.
- Press fitting.
- Metal working, including deep drawing, drilling, tapping, bending, punching and forming.
- High temperatures: -45 to 450°C in limited air 650°C
- Threaded shafts.
- Slides and guides.

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TYPICAL SPECIFICATIONS

TEST	STANDARD	UNIT	RESULT
Consistency, density, viscosity			1.4
NLGI consistency class	DIN 51 818		
Drop point			> 250°C
Density @ 20°C	ISO 2811	g/ml	1,175
Base Oil viscosity @ 40°C	DIN 51 562	mm ² /s	460
Temperature			
Service temperature		°C	5 to + 450
Load-carrying capacity, wear protection, service life			
Four-ball tester			
Weld load	DIN 51 350 pt.4	N	5300
		mm	
		N	
Ok Load		N	20 000

INSTRUCTIONS

Apply this layer to the machinery or surface requiring treatment and set it in motion.

CAUTION:

Because the high content of solid lubricant it is not suitable for use with ball and roller bearings.

BENEFITS

- Easy removal of threaded fasteners.
- Prevents fretting corrosion on splined shafts.
- Facilitates rapid run in of gear teeth.
- Easy removal without scoring of press fitted ball bearings after extended periods of use.
- Long term lubricant for steam valves.
- First aid lubricant for damaged or scored surfaces.

PACKAGING SIZE PROD CODE

1KG	1-7002648
5KG	1-7002649