



Technical Information

R 55

Dispersion

Colloidal dispersion of solid lubricants in mineral oil

Applications

- For use as an additive to all types of mineral oils to enhance load bearing capacity and impart extreme pressure carrying abilities for minimizing wear and excessive friction, for eliminating metal to metal contact, welding and seizure.
- Useful as an extreme pressure, anti wear additive to oils in gear boxes, bearings, machinery parts where it reduces severe friction, wear, galling or welding of bearing surfaces and gear teeth, over-heating, operating temperatures and operating noise levels.
- Molybdenum disulfide present prevents danger of lubricant starvation and provides emergency lubrication. Energy savings are greatly enhanced by reduction in power consumption.
- Machining fluids and cutting oils during operations of broaching, milling, tapping, gear hobbing, stamping, punching, drawing operations to eliminate metal to metal contact, welding, metal pick up and effect faster and smoother production operations as well as increase in tool life.
- For lubrication of all types of chains working under severe operating conditions of high temperatures, excessive friction, high loads, water and corrosive presence.

Benefits

- Very high lubricating effect
- Improves the extreme pressure and load carrying abilities of lubricating oils
- Reduces wear and friction
- Prevents damage to gear wheel and reduces pitting
- Improves running in
- Reduces power consumption
- Eliminates frictional heat produced and prevents overheating of oil
- Reduces operating temperatures and noise levels
- Increases re-lubrication intervals and reduces lubricant consumption
- Prevents galling, scuffing and extends wear life of equipment
- Passes through filters and does not clog them

Directions for Use

To be added to lubricating and gear oils in proportion of 5 % to 10 % by volume for equipment under high loads. Do not add to aqueous metal working emulsions. Use undiluted for applications where danger of overheating exists such as hot gear boxes.

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Parameter	Value	Unit	Standard
Type	Oil with solid lubricants and inhibitors for oxidation and corrosion		
Appearance	Oily liquid		
Color	Black		
Odor	Mild		
Viscosity @ 40° C	70	mm ² /s	ASTM D 445
ISO VG Class	68		
Flash point	+ 225	° C	ASTM D 92
Pour point	- 30	° C	ASTM D 97
Density	0.90 - 0.95	g/ml	
Service temperatures	Depends on lubricating oil used		
Average particle size of solid lubricant	0.3 – 0.5	μ	

Available Packaging

1 & 5 liter 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

24 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.

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