

PS 100 Silicone Oil

NSF H1 registered

Product description

Industrial grade pure silicone oil

Features & benefits

- Operable within a very wide temperature range
- Chemically inert and excellent resistance to most common materials
- Very good oxidation stability at high temperatures
- Excellent thermal stability when exposed to high temperatures
- Provides maximum damping effect
- Unusually high resistance to breakdown and mechanical shearing
- Very good thermal conductivity
- Excellent dielectric properties even over wide operating temperatures
- Non-corrosive, non-toxic, non-staining, highly water repellent and chemically inert

Applications

- Used as damping fluid for absorption of shock and dampening of noises due to its high compressibility
- Hydraulic fluid
- Heat transfer media and coolant for electronic equipment due to inherently high resistance to oxidation and heat conducting ability even at high temperatures.
- Separation and release agent for processing of rubber and plastic components
- Lubricant for plastic and rubber parts such as bearings, rods, bushes, seals, gears, elastomers.

How to use

Use as supplied. Never dilute or mix with other oils or greases.

For optimal lubrication and adhesion, clean and degrease the surface of all previous residues, lubricants, contaminants or corrosion inhibiting coatings.

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 adding lubricating oil.

Apply to clean surfaces by regular oiling methods that is by brushing, spraying, dipping or drop feed oiling mechanisms.

Use as per instructions laid down in manufacturers manual. Replace cap after use.

Test	Unit	Result	Standard
Appearance		Clear oily liquid	Visual
Colour		Water white	Visual
Base oil		Polydimethyl siloxane	In house
Viscosity @ 25°C	mm ² /s	100	ASTM D-445
Density, 25°C	g/cm ³	0.97	ASTM D-1298
Flash point	°C	+300	ASTM D-92
Pour point	°C	-50	ASTM D-97
Lower working limit	°C	-50	
Upper working limit	°C	+200	
Soluble in water		No	
NSF category code		NA	
NSF registration number		169021	
Shelf life from manufacturing month, unopened container	Months	60	

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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