



## MC-236

SILICONE FLUID

## TECHNICAL DATA SHEET

REV: 03

Date: 30 April 2024

### DESCRIPTION

**MC-236 Silicone Fluid** is a clear, colorless and odorless linear polydimethylsiloxane fluid / pdms silicone fluid (CAS #63148-62-9 with a viscosity of 10,000cst centistokes). **MC-236 Silicone fluid** are used to provide motion control, noise reduction and smooth feel. When compared to hydrocarbon based lubricants, silicones have excellent temperature- viscosity characteristics, higher shear stability, water resistance and better low temperature performance. They provide a superior protective film between moving parts ensuring quiet mechanical operation and smooth action over a wider range of environmental conditions. These enhanced qualities extend service life of the mechanism.

### FEATURES

- Dampen vibration in gauges, instruments, and meters
- Protect internal components against vibration, freezing and corrosion.
- Wide service temperature range
- High oxidation resistance
- High resistance to shear
- Inert to virtually all o-rings, gaskets, seals and valves

### AREAS OF APPLICATION

Damping fluids, bath fluids, heat transfer fluids, hydraulic fluids, dielectric fluids, plastic & rubber lubricants, O-ring lubricants, gaskets lubricants, valve and seal lubricants, bearing lubricant

### SPECIFICATION

|                             |                      |
|-----------------------------|----------------------|
| Appearance                  | Clear liquid         |
| Chemical name               | Polydimethylsiloxane |
| Viscosity (cst)             | 10000                |
| Density(g/cm <sup>3</sup> ) | 0.97±0.1             |
| Application temperature(°c) | -50 °c ~+200 °c      |
| Shelf life                  | 12 months            |

### CAUTION

Read and understand material safety data sheet of this product before handling or using. This item might not be able to demonstrate an original performance according to use conditions. Please use it after confirming whether to suit a target usage beforehand without fail.

#### Cautions

Keep away from children.

Avoid contacting with skin and eye. For skin contacted, remove the activator by cloth, wash skin thoroughly with soap and water. For eye contacted, hold eye lids apart and flush thoroughly with water, contact physician.

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