

DYN 9-697

Silicone Based Antifoam



Description

DYN 9-697 Silicone oils is polydimethylsiloxanes available in different viscosities.

Application

- Anti-foam agent.
Very small quantities of the fluid are very effective as a foam control agent, especially in non aqueous systems.
- Mechanical fluid.
The very high viscosity-index, the thermal and chemical stability, shear-breakdown resistance and the rubber compatibility as well as the compressibility make this fluid outstanding for mechanical and hydraulic uses.

Special Features

- Little change in physical properties over a wide temperature range
- The fluids are thermally stable at 150°C for extended time intervals
- Excellent water repellency
- Low surface tension
- Low toxicity

Key Benefits

- Good defoamant
- Nonirritant to skin

Recommended Treat Rate and Application

The recommended treat rate is from 20 ppm to 200 ppm.

Typical Characteristics

Typical Inspection	Typical
Density @ 15°C	0.975
Kinematic Viscosity @ 25°C , cSt	12500
Flash Point (COC) , °C	>300
Pour Point , °C	-50
Surface Tension @ 25 °C , mN/m	21.5
Refractive Index @ 25 °C , mN/m	1.403

Packing And Handling

DYN 9-697 has an unlimited useful life when stored at ambient temperatures. The product does not freeze and there are no restrictions on storage.