

SUNROOF LUBRICANTS

SILICONE OIL-1000cSt (KF-96 1000CS)

Product Description

Sunroof is a special synthetic lubricant which is suitable for all types of car's jeep's sunroof sliding and channels. This is also heat resistant synthetic lubricant. This sunroof lubricant resists dirt, buildup to provide added cleanliness and extended service life on sliding roof. It has Superior performance with excellent lubrication and noise-damping capabilities. Increased safety by promoting a faster response to potential obstructions. Sunroof lubricant resists dirt buildup to provide added cleanliness and extended service life on sliding-roof guides.

Sunroof lubricant is equivalent to Silicone fluid KF-96. Silicone fluid with a dimethylpolysiloxane structure. It is synthetic oil which does not exist in nature. It is composed of organic methyl groups and inorganic siloxane bonds (si-o-si).

Siloxane bonds also make up such highly heat-resistant materials as glass and quartz. It has numerous unique properties not found in conventional mineral oils or synthetic oils. Products are available in viscosities ranging from water-like, free-flowing fluids to syrup-like fluids.

Features and Benefits

- Prevent from Rust & corrosion.
- Smooth Sunroof sliding.
- Stop Water Leakage.
- Reduce Noise & Vibration.
- Colorless and transparent.
- Temperature has little effect on viscosity.
- Low vapor pressure.
- High flash point.
- Superior thermo-oxidative stability.
- Low freezing point.
- Low surface tension.
- Outstanding lubricity.
- High compressibility.
- High resistance to shear.
- Excellent electrical insulative properties.
- Excellent chemical stability.

PETRELPLUS INC.

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- Non-corrosive.
- Tend not to dissolve in other substances.
- Releasability.
- Water repellency.
- Defoaming properties.
- Good luster.
- Temperature changes greatly affect volume.
- Physiologically inert.

Applications

- Elastomer and plastics lubricant.
- Cosmetic Ingredient.
- Electrical insulating fluid.
- Foam preventative or breaker.
- Household product ingredient.
- Mechanical fluid.
- Mold release agent.
- Personal care product ingredient.
- Mechanical fluid.
- Polish ingredient.
- Specialty chemical product ingredient.
- Specialty cleaner ingredient.
- Surface active agent.

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Technical Properties

Sunroof lubricant	1000cSt
Appearance	Crystal clear liquid from suspended matter and sediment
Specific Gravity at 25°C (77°F)	0.970
Refractive Index at 25°C (77°F)	1.4035
Color, APHA	5
Flash Point, open cup, °C	>315
Acid Number, BCP	Trace
Melt Point, °C (°F)2,3	-25 (-13)
Pour Point, °C (°F)	-50 (-58)
Surface Tension at 25°C (77°F), dynes/cm	21.2
Volatile Content, at 150°C (302°F), percent	≤ 0.5
Viscosity Temperature Coefficient	0.60
Coefficient of Expansion, cc/cc/°C	0.00096
Thermal Conductivity at 50°C (122°F), g cal/cm • sec•°C	0.00038
Specific Heat at 25°C (77°F), cal/g °C	0.349
Solubility Parameter ⁴	7.4
Solubility in Typical Solvents	
Chlorinated solvents	High
Aromatic solvents	High
Aliphatic solvents	High
Dry alcohols	Poor
Water	Poor
Fluorinated propellants	High
Dielectric Strength at 25°C (77°F), volts/mil	400
Volume Resistivity at 25°C (77°F), ohm-cm	1.0 x 10, 1.0 x 10, 1.0 x 10, 1.0 x 10, 1.0 x 10, 1.0 x 10

Available Packs: 20 ml

Shelf Life – 36 Months from the Manufacturing month

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly. The Material Safety Data Sheet (MSDS) are available upon request through our sales office. All related specifications are meets or exceeds.