

KYNOS SILICON FG

Silicon Oils

KYNOS LUBRICATION PRIVATE LIMITED

☎ +91 8141800752 🌐 www.kynosils.com✉ info@kynosils.com / sales@kynosils.com

SILICON FG: Food Grade Silicone Oils for High Temperature Applications.

Silicon Oil FG is a premium food-grade silicone oil specifically formulated for high-temperature applications. This specialized fluid is designed to effectively lubricate materials exposed to elevated temperatures while also providing protection against water and other contaminants.

Silicon Oil FG is ideal for use as a heat transfer fluid in circulating systems and hot bath applications, ensuring efficient thermal management and performance in various processes. However, it is important to note that this silicone oil is not suitable for use in paint installations or any other surface treatment processes.

Applications

- Food Processing Industries: Lubricates machinery components exposed to high temperatures and potential food contact, ensuring safe and efficient operation.
- Pharmaceutical Industries: Utilized in processes requiring high-temperature lubrication and where contamination must be avoided, ensuring compliance with safety standards.
- Textile Machinery: Applied in high-temperature textile processing equipment, ensuring smooth operation while preventing damage from moisture and contaminants.
- Plastics and Rubber Manufacturing Industries: Used as a release agent and lubricant in high-temperature moulding processes to facilitate the easy removal of finished products etc.

Benefits

- High stability to resists extreme temperature
- Low viscosity variation with temperature changes
- Very low evaporation rate
- Good antifoaming properties
- Very high resistance against oxidation & high chemical stability
- Water-repellent & Good lubricating properties

KYNOS SILICON FG

Silicon Oils

KYNOS LUBRICATION PRIVATE LIMITED

 +91 8141800752
  www.kynosils.com

 info@kynosils.com / sales@kynosils.com

Typical Performance Data

Properties	SILICON FG					
	50	100	170	350	1000	10000
Base Oil Type	Silicone					
Appearance	Colourless					
Density @ 25 °C, gr/ml	0.959	0.965	0.967	0.970	0.973	0.975
Viscosity @ 25 °C, cSt	35-65	100	170	350	1000	10000
Flash Point, °C	>300	>300	>300	>300	>300	>300
Pour Point, °C	<-50	<-50	<-50	<-50	<-50	<-50
Refractive Index @25 °C	1.402	1.403	1.403	1.403	1.405	1.403
Surface Tension, mN/m	20.7	20.9	21.0	21.1	21.3	21.5

*All performance data on this Technical Data Sheet are indicative only and may vary during production.

All Ingredients are FDA listed ingredients under 21 CFR 178.3570 and complies the requirement of NSF H1 and meet the USFDA 1998 H1 Guidelines.

These products do not contain genetically modified ingredients, and nut oil or derivatives. The product is non-hazardous.