

STRUB Silicone oils

Typ 200/20, 200/50, 200/100, 200/200, 200/350, 200/500, 200/1000

Description

STRUB silicone oils (polymethylsiloxanes) belong to the group of synthetic oils and are available in different viscosity grades. Silicone oils are characterized by their good resistance to heat, cold, moisture and the low change in physical properties over a wide temperature range. The temperature application range can be between -40°C and +204°C.

Application

STRUB silicone oils are used for special lubricants in low and high temperature applications, as base oils for lubricating greases (lifetime lubrication), and in formulations for chem. Special products.

Furthermore, silicones can be used for the production of release agents, defoamers, insulating and damping materials. On most elastomers and plastic surfaces, the fluid has an excellent lubricating effect.

Features and advantages

- low change in viscosity over a wide temperature range
- high oxidative and thermal stability
- excellent electrical insulating properties (dielectricum)
- excellent chemical stability
- excellent defoaming properties
- low surface tension
- non-corrosive and chemically inert
- excellent low temperature properties

Technical data

Silicone oils type		200/20	200/50	200/100	200/200	200/350	200/500	200/1000
Art. No.		31175	30960	31268	30720	31258	31008	31788
Density at 25°C	g/cm ³	0.949	0.960	0.964	0.970	0.970	0.971	0.972
Viscosity 25°C	mm ² /s	20	50	100	200	350	500	1000
Flash point COC	°C	> 170	280	> 300	> 300	> 300	> 300	> 300
Physical form		liquid						
Color		colorless						
Pour Point approx.	°C	- 60	- 55	- 55	- 50	- 50	- 50	- 50
Surface Tension 25°C	mN/m	20.6	20.8	20.9	21.0	21.05	21.1	21.2

Transport

ADR/SDR No dangerous goods

Disposal

LVA VeVA / EAK: 13 02 08

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