



TURMSILON K 500 WR



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TURMSILON K 500 WR is a heat stabilized silicone oil, based on polymethylsiloxanes.

Special properties

- Very good viscosity-temperature behaviour
- Excellent sealing compatibility
- High compressibility
- Low vapour pressure
- Wide temperature range
- Heat stabilised

Product Characteristics	Value	Dimension	Norm / Standard
Colour	amber coloured, transparent		
Density at 20°C	0,97	g/cm ³	DIN 51757
Operating temperature range	-50 to 250	°C	
Oil type	Silicone oil		
Kinematic viscosity at 25°C	500	mm ² /s	DIN EN ISO 3104
Kinematic viscosity at 40°C	400	mm ² /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	165	mm ² /s	DIN EN ISO 3104
Viscosity index (VI)	450		DIN ISO 2909
Pour point	-50	°C	DIN ISO 3016
Flash point	> 300	°C	DIN EN ISO 2592

Application

TURMSILON K 500 WR is used as thermal oil.

TURMSILON K 500 WR is suitable as lubricating oil for material pairing plastic / metal or plastic / plastic.

Packaging units

20 l canister, 200 l drum, 1000 l container



The products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be given, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.

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