

## KORASILON® ÖI TT 2

### Short description

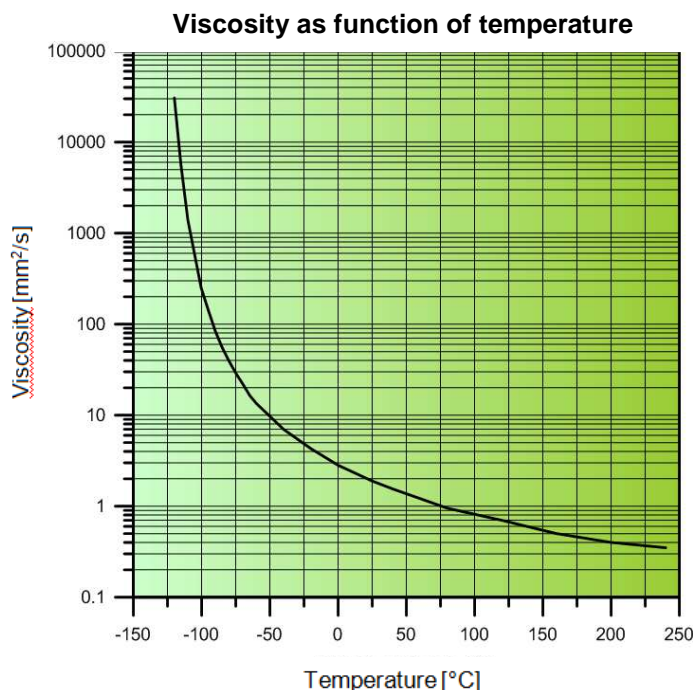
Low viscous, linear polydimethylsiloxane particularly suitable as environmentally friendly cold- and heat transfer media.

### Product properties

**KORASILON® ÖI TT 2** is characterized by a unique combination of low viscosity and a relatively high flash point. **In contrast to** competitive products, **KORASILON® ÖI TT 2** oil is not classified as dangerous good and hazardous substance. It allows an economic use even at low temperatures due to its low viscosity. Since the **KORASILON® TT ÖI 2** is based on polydimethylsiloxane this material is easily miscible with other media on the basis of polydimethylsiloxane. **KORASILON® TT 2** oil is colorless and odorless and non-toxic.

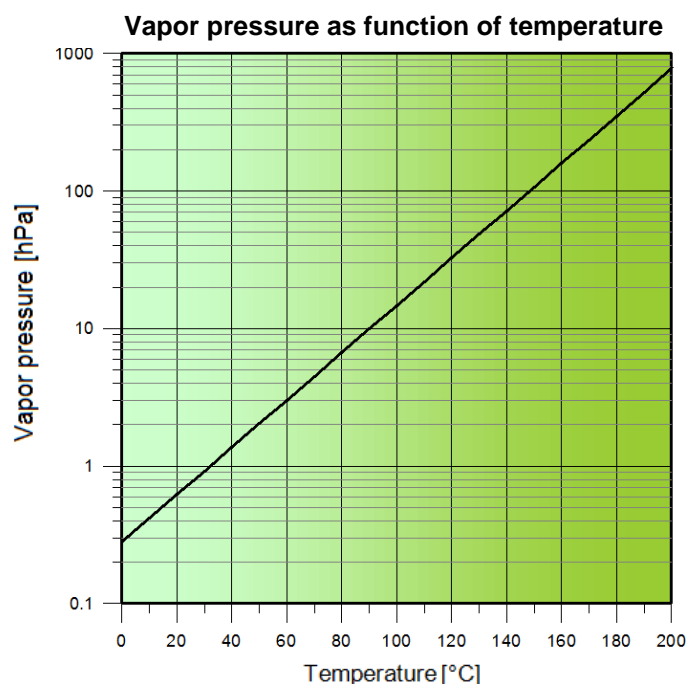
### Product data\*

	Value	Unit
Water content	< 50	ppm
Viscosity (25 °C)	approx. 2	mm <sup>2</sup> /s
Pour point	< -120	°C
Refractive index (25 °C)	approx. 1,391	
Density (25 °C)	approx. 0,87	g/cm <sup>3</sup>
Flash point: (DIN EN ISO 2592)	> +90	°C
Ignition temperature	> +400	°C
Mean coefficient of cubic expansion	approx. 125	10 <sup>-5</sup> /K



Temperature in °C	Viscosity in mm <sup>2</sup> /s
-120	30650
-115	5675
-100	252
-90	84
-80	39
-70	22
-60	14
-40	7
-20	4
25	2
40	1,6
80	1
120	0,7
160	0,5
200	0,35

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Temperature in °C	0	25	50	75	100	125	150	175	200
Vapor pressure in hPa	0,3	0,8	2,0	5,5	15	40	107	290	770

### Storage

**KORASILON® ÖI TT 2** has a shelf life of minimum 24 months if stored in tightly sealed original container at storage temperatures between +0 and +40°C. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

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\*Informative properties not intended to be used as product specification

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