



## TURMOTEMPOIL VG 220



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**TURMOTEMPOIL VG 220** is a special oil based on perfluorinated polyether.

Therefore **TURMOTEMPOIL VG 220** belongs to the thermically and chemically most stable lubricants. It is used successfully, if operating temperatures and chemical influences exclude the use of conventional lubricants.

### Special properties

- High resistance towards oxidation and high temperatures
- Very good high load carrying capacity
- High resistance to chemicals
- Excellent lubricating properties
- Low evaporation losses
- Low pourpoint, not combustible
- No swelling of plastomers and elastomers
- Compatibility with most metals at a wide temperature range
- Resistant to radioactive radiation

Product Characteristics	Value	Dimension	Norm / Standard
Colour	clear, transparent		
Density at 20°C	1,90	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	to 200	°C	
Oil type	PFPE		
Kinematic viscosity at 40°C	220	mm <sup>2</sup> /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	24,4	mm <sup>2</sup> /s	DIN EN ISO 3104
Viscosity index (VI)	140		DIN ISO 2909
Pour point	-25	°C	DIN ISO 3016
Flash point	not inflammable	°C	DIN EN ISO 2592
Resistance to radioactive radiation	6 x 10 <sup>4</sup>	Gy (=10 <sup>2</sup> rd)	

### Application

**TURMOTEMPOIL VG 220** will be applied in the precise mechanic industry, optical industry, electronic industry and machine building industry.

**TURMOTEMPOIL VG 220** is used as lubricating and sealing agent, as hydraulic liquid and heat transferring liquid.

Before applying **TURMOTEMPOIL VG 220**, all lubricating points should be cleaned carefully. Optimum lubricating properties can only be fully achieved on clean and dry material surfaces.

At operating temperatures above 260°C, aggressive decomposition products (e.g. hydrofluoric acid) can form.

### Packaging units

1 l bottle, 5 l canister, 20 l canister



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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