



TURMOTEMPOIL 400-40



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TURMOTEMPOIL 400-40 is a special oil based on perfluorinated polyether.

Therefore **TURMOTEMPOIL 400-40** belongs to the thermally and chemically most stable lubricants. It is used successfully, if operating temperatures and chemical influences exclude the use of conventional lubricants.

TURMOTEMPOIL 400-40 is NSF H1 registered as lubricant for which an incidental contact with food technically cannot be avoided.

Special properties

- High thermal stability and oxidation resistance
- High pressure resistance
- High chemical resistance
- No swelling of plastomers and elastomers
- Compatibility with all kind of metals at a wide temperature range

| Product Characteristics | Value | Dimension | Norm / Standard |
|------------------------------|--------------------|--------------------|-----------------|
| Colour | clear, transparent | | |
| Density at 20°C | 1,89 | g/cm ³ | DIN 51757 |
| Operating temperature range | to 180 | °C | |
| Oil type | PFPE | | |
| Kinematic viscosity at 40°C | 42 | mm ² /s | DIN EN ISO 3104 |
| Kinematic viscosity at 100°C | 6,1 | mm ² /s | DIN EN ISO 3104 |
| Viscosity index (VI) | 86 | | DIN ISO 2909 |
| Pour point | ≤ -45 | °C | DIN ISO 3016 |
| Flash point | not inflammable | °C | DIN EN ISO 2592 |

Application

TURMOTEMPOIL 400-40 is a physiological harmless special oil for the lubrication of fittings and sealing elements in areas of drinking water as well as in the food- and pharmaceutical industry.

TURMOTEMPOIL 400-40 will be applied in the precise mechanic industry, optical industry, electronic industry and machine building industry.

Before applying **TURMOTEMPOIL 400-40**, all lubricating points should be cleaned carefully. Optimum lubricating properties can only be fully achieved on clean and dry material surfaces.

Packaging units

100 ml bottles, 500 ml bottles, 1000 ml bottles, 5 l canister



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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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