

HEISSDAMPF 1500

ISO VG 1500

Superheated steam cylinder oil

Description

SUPERHEATED STEAM CYLINDER OIL (HEISSDAMPFZYLINDEROEL) ISO VG 1500 exhibits very low evaporation losses even under high loads. The formation of coke and asphalt-type residues that can cause the seizing of piston rings, sliders and valves is prevented.

Advantages

- very high thermal stability
- pure mineral oil raffinates without fatty-oil additives
- very low evaporation loss
- minimal residue formation
- good lubricating properties
- outstanding film strength (economical to use)
- low smelling formulation

Field of application

SUPERHEATED STEAM CYLINDER OIL (HEISSDAMPFZYLINDEROEL) ISO VG 1500 is recommended for use in intermittently operating steam engines as a total-loss lubricant at steam inlet temperatures up to 380°C. The product is also suitable in cases where a high-viscosity lubricating oil is specified by the respective manufacturer, such as for mechanical gears, bearings and slideways.

Notes

SUPERHEATED STEAM CYLINDER OIL (HEISSDAMPFZYLINDEROEL) ISO VG 1500 is also suitable for the splash lubrication of gear drives.

Technical data

Properties	Unit	Test according to	Values
Colour			brown
Density at 20 °C	g/cm ³	ASTM D4052	0.912
Viscosity at 40 °C	mm ² /s	DIN 51562-1	1465
Viscosity at 100 °C	mm ² /s	DIN 51562-1	60.4
Pourpoint		ASTM D5950	-9
Flash point C.O.C.	°C	DIN EN ISO 2592	>270
Conradson carbon residue	%	DIN 51551-1	<2
Corrosion effect on Cu	Korr.-grad	DIN EN ISO 2160	1a

The above information corresponds to the current state of our knowledge. We reserve the right to make changes. The performance characteristics indicated are based on testing and production tolerances standard in this industry. A safety data sheet is available.

