

Description

Mineral oils obtained from a mixture of paraffinic and synthetic bases designed for lubricating steam engine cylinders. Capable of maintaining a constant and highly stable lubricant film between metal parts in contact with each other, and avoiding steam leaks through valves, pistons or gaskets.

They are used, in order of increasing viscosity, for saturated steam, re-heated steam and steam with a high degree of re-heating

Valid for general greasing, low loaded gears and other mechanical elements where high temperature conditions may occur.

They can be used as heat transfer fluids in the case of open-air thermal circuits.

Properties

- Excellent slipperiness.
- High flash point.
- Minimum losses due to volatility.
- Low level of soot.

Quality levels

- DIN 51510 – ZA (Grade 200) and ZB (Grade 240)
- ISO 6743/12 – Q
- ISO 6743/6 – CKB

Technical specifications

	UNIT	METHOD	VALUE	
Trade name			140	240
ISO Viscosity Grade			460	1000
Viscosity at 100 °C	cSt	ASTM D 445	30.5	50.5
Viscosity at 40 °C	cSt	ASTM D 445	460	1000
Viscosity rate		ASTM D 2270	95	95
Density at 15 °C	g/cm ³	ASTM D 4052	0.906	0.908
Flash point, V/A	°C	ASTM D 92	265	270
Pour point	°C	ASTM D 97	-9	-9
TAN	mg KOH/g	ASTM D 664	0.2	0.2
Copper corrosion, 3 h at 100 °C		ASTM D 130	1b	1b

The above mentioned characteristics are typical values and should not be considered product specifications.

A safety data sheet is available on request.

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