

CLASSIC VALSUR ST 46

Screw compressor oil semi-synthetic ISO VG 46

Description

CLASSIC VALSUR ST 46 is a compressor oil based on a partially synthetic base oil. It was specially developed for use in screw and ration compressors subjected to high thermal loads, but also can be used for reciprocating, centrifugal and cam compressors.

Application

CLASSIC VALSUR ST 46 can be used due to the particularly high-quality additives and oxidation inhibitors and the special base oils as an alternative to fully synthetic screw compressors for change intervals up to 8,000 operating hours. Other compressor types can achieve change intervals of up to 1,000 operating hours.

CLASSIC VALSUR ST 46 is suitable for use in compressors, operating with air and inert gases such as nitrogen, argon, hydrogen, neon, helium, carbon dioxide and gout gas.

Properties

- oxidation and temperature resistant
- excellent wear protection
- good protection against rust and corrosion
- low volatility
- chemically inert and low odor
- compatible with standard hose and seal materials
- reduces operating and maintenance costs
- excellent air release and demulsifying properties

Product data

Properties	Unit	ST 46*
Destiny	g/cm ³	0.864
Viscosity 40°C	mm ² /s	46.7
Viscosity 100°C	mm ² /s	7.9
Viscosityindex		114
Pourpoint	°C	-33
Flash point (COC)	°C	240

*are average values and may vary in the framework of the standard.

Note

CLASSIC VALSUR ST 46 should not be used with wet or acidic hydrocarbon gases, oxygen or other chemically active gases such as chlorine or hydrogen chloride!

Performance

DIN 51519, DIN ISO 3448, DIN 51506 (VDL), ISO 6743-3 (DAH)