

# COMPRESSOR VRE 100

SYNTHETIC LUBRICANT FOR COMPRESSORS AND VACUUM PUMPS

210890/03.14

Rev. 1

## DESCRIPTION & APPLICATIONS

UNIL COMPRESSOR VRE is a high quality compressor oil for extended drain intervals.

The synthetic ester based oil and specific additives ensures a lubricant with strong thermal stability, water separating behaviour and oxidation resistance.

UNIL COMPRESSOR VRE can be applied in vacuum pumps, piston compressors, air compressors, vane compressors, screw compressors... And is compatible with many different gases like : air, benzene, butadiene, helium, methane up to butane, natural gas, nitrogen, hydrogen sulfur and furnace gas.

## ADVANTAGES

- Compressor parts last longer and are better protected
- Very low vapor pressure.
- Wide operating temperature range.
- No formation of lacquering and other deposits on valves etc...
- Drain intervals up to eight times higher than mineral oils.

## PERFORMANCES

Satisfies to the following specifications:

DIN 51506 VDL

ISO 6743-3L-DVC

## ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal.

When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

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## PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Specific gravity at 15°C	kg/m <sup>3</sup>	NFT 60101	957
Kinematic viscosity at 40°C	mm <sup>2</sup> /s (cSt)	NFT 60100	94
Kinematic viscosity at 100°C	mm <sup>2</sup> /s (cSt)	NFT 60100	9,1
Viscosity index	-	NFT 60136	66
Flash point (PMCC)	°C	ASTM D 93	252
Combustion point	°C	NFT 60118	410
Pour point	°C	NFT 60105	-42
Conradson carbon residue	%	ASTM D189	0,02
Evaporation, 22 hrs at 99°C	%	ASTM D972	< 1,0
Copper corrosion	-	ASTM D 130	1a
4 Ball wear (1H, 40 Kg)	Ø mm	ASTM D2266	0,8

*The average values are given for information only.*