

RENAIR SERIES

A compressor oil blended from solvent refined mineral oils and containing additives to reduce wear and oxidation.

Description

RENAIR Compressor Oils are blended from carefully selected solvent refined mineral oils, which provide optimum oxidation inhibition, excellent corrosion prevention and minimal coking tendency.

RENAIR oils comply and exceed the requirements of DIN 51 506 for lubricating oils and DIN 51 356 for carbon residue.

RENAIR oils contain additives to reduce wear and oxidation and therefore allow higher load, more severe operation conditions and prolonged oil service intervals.

Application

RENAIR oils are recommended for oil lubricated air compressors including Rotary Screw, Reciprocating and certain types of Rotary Vane Compressors.

The exceptional resistance to thermal decomposition also enables this range to provide quality performance as a heat transfer oil in both enclosed and cold expansion systems.

Suitable for use as a heat transfer oil in closed circuit systems at temperatures up to 300°C. For the selection of the viscosity grades, consult the manual and/or the compressor manufacturer.

Large Reciprocating Piston type compressors operating at elevated temperatures and with a tendency for increased carbonaceous deposits should, for safety reasons, be filled with UNISYN OL Compressor Fluid.

Advantages/Benefits

- Good oxidation stability and good resistance to ageing
- Provides excellent wear and corrosion protection
- Long service life: Up to 4000 hours in normal operating conditions (32,46,68) Up to 2000 hours in normal operating conditions (100,150)
- Minimal carbon deposit formation
- Good air separation and low foaming
- Good demulsifying properties
- Good compatibility and sealing materials

Specifications

- DIN 51 506
- DIN 51 356

CHARACTERISTICS

Property	Unit	32	46	68	100	150	Test Method
Appearance		Clear Amber	Clear Amber	Clear Amber	Clear Amber	Clear Amber	Visual
Density @ 15 °C	Kg/L	0.875	0.885	0.890	0.895	0.895	DIN 51757
Kinematic Viscosity @ 40 °C	cSt	32	46	68	100	150	ASTM D445
Kinematic Viscosity @ 100 °C	cSt	5.37	6.75	8.75	11.4	15	ASTM D445
Viscosity Index	min.	100	100	100	100	100	ASTM D2270
Pour Point	°C	-30	-27	-24	-24	-21	FLTP* 124
Flash Point, COC	°C	215	230	230	240	240	ASTM D92
Total Acid Number	mg KOH/g	0.1	0.1	0.1	0.1	0.1	ASTM D974

Product Code: 1910
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