



## eni Dicrea SX

**eni Dicrea SX** is a synthetic compressor oil on PAO basis with corrosion and wear protection additives and antioxidants that had been especially developed for the application in air compressors.

### Characteristics (typical figures):

eni Dicrea SX		Unit	46	68	Test method
Kin. Viscosity	at 40°C	mm <sup>2</sup> /s	45,3	66,7	ASTM D 445
	at 100°C	mm <sup>2</sup> /s	7,9	10,8	DIN 51 562-1
Viscosity index			146	153	DIN ISO 2909
Density at 15°C		kg/m <sup>3</sup>	835	837	ASTM D 1298
Flashpoint o. C.		°C	230	235	ASTM D 92
Pourpoint		°C	- 54	- 54	ASTM D 97
Oxidation DIN 51 532T.2 coke residue acc. to Conradson		wt%	-	0.65	DIN 51 551

### Properties and Performance:

- Due to the use of synthetic base oils and a specially balanced additive package the oil-change intervals can be extended by three or four times by using **eni Dicrea SX** in rotary compressors, compared to mineral oil products. Thus the maintenance periods are significantly reduced.
- The formation of harmful coke residues is effectively prevented due to the high temperature stability.
- The low Pourpoint allows the application in a wide application range, also at very low operational temperatures.
- The corrosion protection properties of **eni Dicrea SX** provide an excellent protection of all oil-moistened parts as shown by the outstanding results of the ASTM D 665 B tests.
- Due to the wear protection additives the abrasion at the constructional parts is clearly reduced, which is especially important for screw-type air compressors.
- The products behave neutral towards the elastomers normally used in air compressors.

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## Applications:

The viscosity according to ISO VG 46 has been especially designed for screw-type air compressors; it can also be used for other compressors where this viscosity is required. By using **eni Dicrea SX** the oil-change intervals can be prolonged up to 6.000/8.000 hours, when operating under optimum conditions

In case of aggravated conditions however minimum once a year an oil-change should be made. **eni DICREA SX** had been tested with outstanding results in compressors of well-known manufacturers.

## Specifications:

- VDL
- DIN 51506
- ISO-L-DAB
- ISO-L-DAH
- ABB HZTL 90617 (VTR turbocharger)
- WARTSILA 4V92A670 Rev.J