



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 ² /s	46	68	ASTM D 445
	at 100°C	mm ² /s	7,9	10,8	DIN 51 562-1
Viscosity index		159	138	DIN ISO 2909	
Density at 15°C	kg/m ³	833	840	ASTM D 1298	
Flashpoint o. C.	°C	230	245	ASTM D 92	
Pourpoint	°C	- 51	- 51	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