

# eni Dicrea ID



**eni Dicrea ID** oils are designed for the lubrication of air compressors (rotary and reciprocating types). They are formulated from selected paraffinic base stocks treated with antioxidant, antirust and antiwear additives.

## CHARACTERISTICS (TYPICAL FIGURES)

### eni Dicrea ID

ISO VG		32	46	68	100
Appearance	-	B & C	B & C	B & C	B & C
Density at 15°C	kg/L	0.856	0.861	0.868	0.872
Viscosity at 40°C	cSt	30.0	46.0	68.0	100.0
Viscosity at 100°C	cSt	5.4	7.1	9.2	11.8
Viscosity Index	-	115	113	112	107
Flash Point COC	°C	220	230	240	246
Pour Point	°C	-27	-27	-27	-27

## PROPERTIES AND PERFORMANCE

- **eni Dicrea ID** lubricants are very stable at high operating as shown by the low carbon residue in the DIN 51352 part 2 oxidation test. They do not form gums or carbon deposits on the hot parts of the compressor, thus minimizing ring sticking and obstruction of delivery valve ports. **eni Dicrea ID** also have oxidation and ageing resistance and do not form sludge or deposits as shown by the result obtained in R.O.C.O.T. test (an oxidation test designed to evaluate the oxidation resistance of lubricants for oil flooded compressors). **eni Dicrea ID** therefore have a long service life in rotary (screw and vane) compressors.
- They have a low carbon residue and very little tendency to form carbon on hot parts of the compressor, as demonstrated by the DIN tests.
- They have no rust-forming tendency, and pass the ASTM D 665 A/B test.
- **eni Dicrea ID** are antiwear oils. They pass stage 12 in the FZG test. Antiwear properties are crucial in the lubrication of rotary compressors which are more prone to wear than reciprocating compressors owing to the way power is transmitted.
- **eni Dicrea ID** are compatible with most types of rubber normally used in compressor seals.

## SPECIFICATIONS

**eni Dicrea ID** meets requirements of the following specifications:

- ISO-L-DAA
- ISO-L-DAG
- DIN 51506 VDL