eni OTE ID



eni OTE ID products are designed to satisfy even the most severe lubrication requirements of steam, gas and water turbines. All grades are formulated utilizing highly refined group II base stocks with the latest technology additive. The wide range of viscosities available ensures that all possible lubricating requirements can be met.

CHARACTERISTICS (TYPICAL FIGURES)

eni OTE ID

ISO VG		32	46	68
Appearance	-	B & C	B & C	B & C
Density at 15°C	kg/L	0.856	0.861	0.865
Viscosity at 40°C	cSt	30.0	45.0	65.0
Viscosity at 100°C	cSt	5.4	7.0	8.9
Viscosity Index	-	115	113	111
Flash Point COC	°C	230	230	246
Pour Point	°C	-18	-15	-12

PROPERTIES AND PERFORMANCE

- The high Viscosity Index minimizes changes in viscosity throughout the normal temperature range, thus ensuring that a proper lubricant film is maintained even at high operating temperatures.
- eni OTE ID oils have especially high oxidation and aging resistance and do not form either sludge or deposits. They are therefore suitable for extended service. Indeed they exceed 4000 hours in the Turbine Oil Stability Test (TOST) and amply exceed the oxidation levels of IP 280 (CIGRE) test.
- Their anticorrosion and antirust properties provide effective protection of all lubricated parts, the oil circuit, storage tanks, heat exchangers, etc.
- They have very good antifoam properties and readily eliminate entrained air thus reducing the danger of discontinuity in the lubricant film, air locks and cavitation in the circulation pumps, erratic regulator operation and overflow of oil from storage tank vents.
- They have very high demulsibility. This characteristic prevents formation of stable emulsions and ensures quick, complete, spontaneous separation of entrained water, thus guaranteeing continuity and homogeneity of lubricant film which is essential for correct lubrication and for minimum friction and wear.

SPECIFICATIONS

eni OTE ID meets requirements of the following specifications:

- DIN 51515
- GENERAL ELECTRIC GEK 28413
- KWU TLV 901304/01
- BS 489
- CINCINNATI P-38 level (ISO VG 32); P-55 level (ISO VG 46); P-54 level (ISO VG 68)