



APPLICATIONS

Eni OTE 46 is a lubricant specifically designed for use in steam and gas turbine applications.

It's based on high quality base-stocks with specially chosen additives to provide excellent thermal-oxidative, rapid air release and excellent demulsibility that permits water to separate readily from the oil.

Eni OTE 46 provides outstanding performance in turbo-blowers, hydraulic machinery and air compressors with medium/high temperature of the compressed air and in all other applications requiring a high quality and good stability lubricant.

CUSTOMER ADVANTAGES

- Prolongs oil charge life extending re-lubrication intervals
- Ensures good lubrication film
- Increases turbine operation reliability
- Maximizes water removal system efficiency
- Meets most major turbine equipment builder specifications and industry specifications

SPECIFICATIONS & APPROVALS

- ALSTOM HTDG 90117 V0001 X
- GE GEK 28143B
- ASTM D 4304 Type I
- BS 489:1999
- CEI 10-8 (1994)
- JIS K 2213 -1983 Type II
- Ansaldo Energia W 3.1-0171-I60000
- Ansaldo Energia 606W807 Rev.C (2012)
- Doosan Skoda Power
- Siemens TLV 9013 04
- ISO 8068 TSA/TGA





- DIN 51515-1 TD

CHARACTERISTICS

Properties	Method	Unit of Measure	Typical
Appearance	APM 27	-	clear
Density at 15°C	ASTM D 4052	kg/m ³	861
Viscosity at 40°C	ASTM D 445	mm ² /s	46
Viscosity Index	ASTM D 2270	-	113
Flash point (COC)	ASTM D 92	°C	226
Pour point	ASTM D 97	°C	-12
N.N.	ASTM D 974	mg KOH/g	0.09
Demulsibility at 54°C	ASTM D 1401	mins	15
Foaming (sequence I)	ASTM D 892	cc/cc	30/0
Air release	DIN 51381	mins	3
Rust test/B	ASTM D 665	-	pass
Copper corrosion	ASTM D 130	-	1A
Cleanliness class	ISO 4406	-	17/16/12
FZG (A/8,3/90) - damage rating	DIN 51354-2	-	9



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