



APPLICATIONS

Eni OTE GT 46 is a high quality lubricant specifically designed for use in gas turbines and in combined cycle operating under severe conditions (temperatures up to 260°C).

It's formulated with selected base stocks and specially chosen additives to ensure excellent oxidation stability, outstanding anti-foam properties, rapid air release and very high demulsibility.

Its antirust/"mild EP" properties make **Eni OTE GT 46** suitable in those cases where at the turbine is associated a reduction gear unit.

CUSTOMER ADVANTAGES

- Ensures long life of turbine reduction gear units
- Prolongs oil charge life extending re-lubrication intervals
- Ensures good lubrication film in a wide operating temperatures range
- Increases system reliability
- Maximizes water removal system efficiency
- Reduces unscheduled maintenance risk

SPECIFICATIONS & APPROVALS

- ISO 8068 TSA/TSE/TGA/TGB/TGE/TGSB/TGSE
- DIN 51515-1 TD
- DIN 51515-2 TG
- ASTM D 4304 Type II
- GM Lubricant Standard LS2
- GE GEK 28143B
- GE THERMODYN ISPSH902SDI
- MAN GHH BORSIG SP 079984 E 0000 E 99
- Siemens MAT812109
- Siemens MAT812107
- SOLAR ES 9-224U Class II
- ALSTOM HTDG 90117 V0001 X
- Ansaldo Energia 606W807 Rev.C (2012)
- Ansaldo Energia TGO2-0171-E00001/B (2016)





- Siemens TLV 9013 04
- Siemens TVL 9013 05

CHARACTERISTICS

	Method	Unit	Typical
Appearance	APM 27	-	clear
Density at 15°C	ASTM D 4052	kg/m ³	857
Viscosity at 40°C	ASTM D 445	mm ² /s	46
Viscosity index	ASTM D 2270	-	123
Flash point (COC)	ASTM D 92	°C	243
Pour point	ASTM D 97	°C	-18
A.N.	ASTM D 664	mg KOH/g	0.04
Air release	DIN 51381	minuti	4
Rust test/B	ASTM D 665	-	supera
Copper corrosion	ASTM D 130	-	1A
Oxidation stability, TOST	ASTM D 943	ore	10000
Oxidation stability, RPVOT	ASTM D 2272	minuti	1343
FZG (A/8,3/90) - damage rating	DIN 51354-2	-	12



eni