



## 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 change 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

Properties	Method	Unit of Measure	Typical
Appearance	APM 27	-	clear
Density at 15°C	ASTM D 4052	kg/m <sup>3</sup>	857
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /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	mins	4
Rust test/B	ASTM D 665	-	supera
Copper corrosion	ASTM D 130	-	1A
Oxidation stability, TOST	ASTM D 943	hrs	10000
Oxidation stability, RPVOT	ASTM D 2272	mins	1343
FZG (A/8,3/90) - damage rating	DIN 51354-2	-	12



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