



APPLICATIONS

Eni OTE 100 is a lubricant specifically designed for use in hydraulic turbine applications.

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

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

- DIN 51506 VCL
- DIN 51517-2 CL
- DIN 51524-1 HL
- ASTM D 4304 Type I
- BS 489:1999
- CEI 10-8 (1994)
- ISO 8068 THA
- ISO 11158 HL
- ISO 12925 CKB





CHARACTERISTICS

Properties	Method	Unit of Measure	Typical
Appearance	APM 27	-	pass
Density at 15°C	ASTM D 4052	kg/m ³	872
Viscosity at 40°C	ASTM D 445	mm ² /s	100
Viscosity Index	ASTM D 2270	-	107
Flash point (COC)	ASTM D 92	°C	246
Pour point	ASTM D 97	°C	-12
N.N.	ASTM D 974	mg KOH/g	0.09
Demulsibility	ASTM D 1401	mins	20
Foaming (sequence I)	ASTM D 892	cc/cc	150/0
Rust test/B	ASTM D 665	-	pass
Copper corrosion	ASTM D 130	-	1A
FZG (A/8,3/90) - damage rating	DIN 51354-2	-	10



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