

# Preslia

## High performance turbine mineral oil

### APPLICATIONS

- **Preslia** oils are specially designed for the lubrication of hydraulic, steam, or gas turbines. They can also be used in centrifugal compressors or turbochargers.
- **Preslia** provides long drain intervals, simplified maintenance, operational reliability.

### ADVANTAGES

- High oxidation resistance, antifoam, air, and water release performances.
- High antiwear properties allowing the lubrication of the gearboxes driven by the turbine.
- Excellent antirust and anticorrosion properties.
- Superior hydrolysis stability and filterability (with or without water) making Preslia suitable for hydraulic applications.

### SPECIFICATIONS

- ISO 6743-5  
THA/THE/TSA/TSE/TGA/TGB/TGE/TGSB
- ISO 8068 (ISO VG 32 & 46)
- ASTM D 4304 - type I & II
- DIN 51515 Parts I & II
- JIS K2213 type 2 w/add
- China National Standard GB 11120-2011 L-TSA

### APPROVALS

Meets or exceeds the following specifications:

- ALSTOM HTGD 90 117
- ALSTOM HYDRO HTWT 600050
- GENERAL ELECTRIC GEK  
27070/28143/46506/101941/32568/107395
- SIEMENS TLV 901304 & TLV 901305 –
- SIEMENS TURBO AB MAT  
812101/02/06/07/08/09
- SIEMENS TURBOMACHINARY  
1CW0047915
- SOLAR ES 9-224W Class II
- ANSALDO TG02-0171
- SKODA, TURBINY PLZEN
- FUJII ELECTRIC Steam Turbine
- TOSHIBA Steam Turbine



For additional information, contact your local Totalenergies Lubricants representative or visit our web site: <https://lubricants.totalenergies.com>

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or downloaded from <https://sdstotalms.total.com>

## TYPICAL CHARACTERISTICS

Properties	Units	Standards	Preslia			
			32	46	68	100
Density at 15°C	kg/m <sup>3</sup>	ISO 3675	853	857	860	886
Viscosity at 40°C	mm <sup>2</sup> /s	ISO 3104	32	46	68	100
Viscosity at 100°C	mm <sup>2</sup> /s	ISO 3104	5.48	6.94	9.01	11.4
Viscosity index	-	ISO 2909	107	107	107	100
Flash point	°C	ISO 2592	218	230	240	250
Pour point	°C	ISO 3016	-15	-15	-12	-9
Air release	Min	ASTM D 3427	2	3	5	10
Air Demulsibility	Min	ISO 6614	5	5	<10	<10
Foaming						
Seq. I @ 24 °C			10/0	10/0	20/0	30/0
Seq. II @ 93 °C	ml/ml	ISO 6247	10/0	10/0	30/0	40/0
Seq. III @ 24 °C after 93 °C			10/0	10/0	20/0	30/0
TOST	H	ASTM D-943	>10000	>10000	>7000	>7000
RVPOT	Min	ASTM D 2272	2000	2000	1900	600
FZG	Fail stage	ISO 14635-1	≥ 8	≥ 9	≥ 10	≥ 11



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