

PRESLIA GT 32 - 46



Turbine oil

High performance gas turbine oil for severe applications

APPLICATIONS

High temperature and heavily loaded turbomachines

- **PRESLIA GT** is specifically designed for:
 - the lubrication of gas and combined cycle turbines.
 - turbines operating under high thermal stress.
 - geared gas turbine lubrication.

ADVANTAGES

Long oil drain intervals
Low deposit formation
Operational Reliability

- Exceptional oxidation resistance due to the selection of premium high performance base stocks
- Extra high thermal stability, leading to lower tendency for deposit formation.
- Superior anti-wear and extreme-pressure properties allowing for use in turbines with severely loaded gear boxes.

SPECIFICATIONS

International standards

- ISO 6743-5 TSA/TSE/TGA/TGB/TGE/TGSB/TGSE
- ASTM D 4304 Type I & II
- DIN 51515 Parts I & II
- ISO 8068
- JIS K-2213 Type 2
- China National Standard GB 11120-2011 L-TSA

Manufacturers

- Depending on their viscosity grade, **PRESLIA GT** oils meet or exceed the requirements of the following specifications :
 - **ALSTOM** HTGD 90117
 - **ANSALDO** TG02-0171
 - **GENERAL ELECTRIC** GEK 27070, 28143, 46506, 32568, 107395, 101941
 - **SIEMENS** TLV 901304/05
 - **SIEMENS INDUSTRIAL TURBO AB** MAT 812101/02/06/07/08/09
 - **SIEMENS TURBOMACHINERY** 1CW0047915
 - **SOLAR** ES 9-224 Class II
 - **DOOSAN SKODA, TURBINY PLZEN**
 - **BAKER HUGHES** ITN 52220.01/02/03/06

TOTAL LUBRIFIANTS
INDUSTRIE
18-03-2020 (supersedes 08-03-2018)
PRESLIA GT 32- 46
1/2



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 down loaded from

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TOTAL



Turbine oil

TYPICAL CHARACTERISTICS	METHODS	UNITS	PRESLIA	
			32	46
Density at 15 °C	ISO 3675	kg/m ³	841	851
Viscosity at 40 °C	ISO 3104	mm ² /s	32	46
Viscosity at 100 °C	ISO 3104	mm ² /s	5.7	7
Viscosity index	ISO 2909	-	107	107
Flash point	ISO 2592	°C	225	230
Pour point	ISO 3016	°C	- 15	- 15
Air Release	ASTM D 3427	min	1	2
Demulsibility	ISO 6614	min	5	5
Foaming (Tendency/Stability)				
Seq. I @ 24°C		ml/ml	0/0	0/0
Seq. II @ 93°C	ISO 6247		0/0	0/0
Seq. III @ 24°C after 93°C			0/0	0/0
TOST	ASTM D-943	h	> 10 000	> 10 000
RPVOT	ASTM D 2272	min	2000	2000
FZG	ISO 14635-1	Fail stage	11	11

Above characteristics are mean values given as an information.

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