

# PRESLIA GT 32 - 46



Turbine oil

High performance long life gas turbine oils for severe applications.

## APPLICATIONS

High temperature  
turbomachines

- **PRESLIA GT** oils are:
  - specially designed for the lubrication (bearings, gear boxes) and control circuit of steam and gas turbines.
  - turbines submitted to high thermal stress.
  - suitable for turbine coupled gears lubrication.

## SPECIFICATIONS

International standards

OEM's

- **ISO 6743-5 TSA/TSE/TGA/TGB/TGE/TGSB/TGSE**
- ASTM D 4304 Type I & II
- DIN 51515 Parts I & II
- ISO 8068
- JIS K2213 Type 2 w/add
- China National Standard GB 11120-2011 L-TSA
- Depending on their viscosity grade, **PRESLIA GT** oils meet the requirements of the following classifications and specifications :
  - **ALSTOM** HTGD 90117 (formerly NBA P 50001A)
  - **GENERAL ELECTRIC** GEK 27070, GEK 28143B, GEK 46506E, GEK 32568J, GEK 107395A, GEK 101941A
  - **MAN ENERGIE** ME-TTS 001/18/92
  - **MAN Turbo** TED 10000494596
  - **SIEMENS** TLV 901304, TLV 901305
  - **SOLAR** ES 9-224 W Class II.
  - **SKODA, TURBINY PLZEN**

## ADVANTAGES

Long oil drain intervals on  
high temperatures gas  
turbines

Simplified maintenance  
and storage

High antiwear protection

- Thanks to their high performance base stocks, **PRESLIA GT** have extra high thermal stability and oxidation resistances.
- Their outstanding formulation meets the specifications of both steam and gas turbines, which makes it an ideal product choice for the lubrication of single shaft combined cycle machines.
- The anti-wear level allows the lubrication of turbines with the most severely loaded gear boxes.

TYPICAL CHARACTERISTICS	METHODS	UNITS	PRESLIA GT	
			32	46
Density at 15 °C	ISO 3675	kg/m <sup>3</sup>	841	851
Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	32	46
Viscosity at 100 °C	ISO 3104	mm <sup>2</sup> /s	5.7	7
Flash point Open Cup	ISO 2592	°C	225	230
Pour point	ISO 3016	°C	- 15	- 15
FZG	ISO 14635-1	Fail stage	11	11

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
INDUSTRIE

22-06-2017 (supersedes 19-04-2017)

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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 [www.quick-fds.com](http://www.quick-fds.com).