

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 32568K, GEK 107395A, GEK 101941A**
 - **MAN ENERGIE ME-TTS 001/18/92**
 - **MAN Turbo TED 10000494596**
 - **SIEMENS TLV 901304/05 ; SIEMENS MAT 812101/02/06/07/08/09**
 - **SOLAR ES 9-224 Class II.**
 - **SKODA, TURBINY PLZEN**
 - **BAKER HUGHES** - Gas and steam turbines

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 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
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

08-11-2018 (supersedes 10-10-2018)
PRESLIA GT 32- 46
1/1



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.