

PRESLIA GT 32 - 46



Turbine oil

High performance long life gas turbine oils for severe applications.

APPLICATIONS

High temperature
turbomachines gears
Regulation systems

- **PRESLIA** 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**
- Depending on their viscosity grade, **PRESLIA GT 32 - 46** oils meet the requirements of the following classifications and specifications :
 - **ALSTOM** HTGD 90117 (formerly ALSTOM NBA P 50001A)
 - **GENERAL ELECTRIC** GEK 27070, GEK 28143B, GEK 46506E, GEK 32568F, GEK 107395A, GEK 101941A
 - **MAN ENERGIE** ME-TTS 001/18/92
 - **MAN Turbo** SPD 10000242284
 - **SIEMENS** TLV 901304
 - **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 32 - 46** 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	856	860
Viscosity at 40 °C	ISO 3104	mm ² /s	32	46
Viscosity at 100 °C	ISO 3104	mm ² /s	5,9	7
Flash point Open Cup	ISO 2592	°C	225	230
Pour point	ISO 3016	°C	- 15	- 15
Demulsibility	ISO 6614	min	8	10

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
25-07-2008 (supersedes 16-06-2008)
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.