

# PRESLIA GT 32 - 46



*Turbine oil*



High performance gas turbine oils.

## APPLICATIONS

**High temperature  
turbomachines gears  
Regualtion systems**

⌚ These oils are:

- specially designed for the lubrication (bearings, gear boxes) and regulation of gas.
- turbines submitted to high thermal stress.
- suitable for steam turbines lubrication.

## SPECIFICATIONS

### International standards

⌚ Depending on their viscosity grade, **PRESLIA GT 32 - 46** oils meet the requirements of the following classifications and specifications :

- ISO 6743-5 L TSA/TSE/TGA/TGB/TGE
- DIN 51515 Part 1
- JIS K 2213 Type 2
- B S 489.

### Manufacturers

- ABB HTGD 90 117 V0001 R
- ABB STAL 81 21 07
- ALSTOM FLUID SPECIFICATION REPORT 65/0027
- ALSTOM NBA P 50001 A
- ALSTOM/EGT64/05017001, 64/0517002
- DEMAG DELAVAL 800 03798
- FIVE CAIL BABCOCK
- GARRET
- GENERAL ELECTRIC GEK 28143A, GEK 32568E
- GENERAL ELECTRIC GEK 101 941 A
- MAK M20-M601C turbochargers
- MAN ENERGIE ME-TTS 001/18/92
- MIRRLEES BLACKSTONE KMAJOR MK2 turbochargers
- NUOVO PIGNONE SOM 173664, SOM23543/5
- SIEMENS TLV 901304
- SKODA, TURBINY PLZEN
- SOLAR Class II
- SOLAR ES9 224 U
- THERMONDYN ISPSH 901 SDI
- THERMONDYN ISPSH 902 SDI
- TURBOMECA BASTAN

## TOTAL Specialties USA, Inc.

**Linden, NJ 07036**

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1-800-323-3198

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7-2016

This lubricant must be applied as recommended and used for the application for which it was designed. TOTAL Specialties USA, Inc. will have no responsibility for any injury to persons or property resulting from misuse or misapplication of the lubricant. A safety data sheet conforming to the OSHA Hazard Communication Standard 29 CFR Section 1910.1200 can be downloaded at [www.totalspecialties.com](http://www.totalspecialties.com). Copyright 2016 All rights reserved.

## ADVANTAGE S

**Long oil drain intervals on high temperatures gas turbines**

⌚ Thank to their non conventional base stock, **PRESLIA GT 32 – 46** have extra high thermal stability and oxidation resistances.

**Simplified maintenance and storage**

⌚ Its unique additivation 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.

**High antiwear protection**

⌚ The anti-wear level allows the lubrication of turbines with the most severely loaded gear boxes.

TYPICAL CHARACTERISTICS	METHODS	UNITS	PRESLIA GT	
			32	46
Volumetric mass at 15 °C	ISO 3675	kg/m <sup>3</sup>	855	862
Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	32	46
Viscosity at 100 °C	ISO 3104	mm <sup>2</sup> /s	5,6	6,9
Viscosity index	ISO 2909	-	112	106
Flash point	ISO 2592	°C	220	224
Pour point	ISO 3016	°C	- 20	- 18
Demulsibility	ASTM D 1401	min	5	10

Above characteristics are mean values given as an information.

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