

# PRESLIA 32 - 46 - 68 - 100



*Turbine oil*

Mineral turbine oils.

## APPLICATIONS

**Turbomachines gears**  
**Regulation systems**

- Lubrication of:
  - gas turbines
  - steam turbines
  - combined cycle turbines
  - gear boxes
  - regulation circuits
  - turbochargers with separate oil circuit
  - hydraulic turbines.

## SPECIFICATIONS

**International standards**

- Depending on their viscosity grade, **PRESLIA** 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 90117 V0001Q
- 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 28143 A, GEK 32568 E, GEK 32568 F
- GE HYDRO AEM 89201
- KAWASAKI > 1.5 Mwe
- MAK M20-M601C turbochargers
- MAN ENERGIE ME-TTS 001/18/92
- MIRRLEES BLACKSTONE KMAJOR MK2 Turbochargers
- MITSUBISHI HEAVY INDUSTRIES MS04-MA-CL001
- NUOVO PIGNONE SOM 173664, SOM23543/5
- SIEMENS TLV 901304
- SKODA, TURBINY PLZEN
- SOLAR ES 9-224U Class II
- THERMONDYN ISPSH 901 SDI
- THERMONDYN ISPSH 902 SDI
- TURBOMECA BASTAN

**ADVANTAGES**

**Long drain intervals  
Simplified maintenance  
and storage**

**Error risks elimination**

**Control system operation  
safety**

**Lubricated machines  
protection**

- High oxidation resistance, antifoam, air and water release performances.
- Reinforced antiwear and EP capacities allowing the lubrication of the gear boxes driven by the turbine.
- Important « hydraulic properties » especially hydrolysis stability and filterability (with or without water).
- High antirust and anticorrosion performances.

TYPICAL CHARACTERISTICS	METHODS	UNITS	PRESLIA			
			32	46	68	100
Density at 15 °C	ISO 3675	kg/m <sup>3</sup>	870	875	884	886
Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	32,3	46,3	67,4	99,3
Viscosity at 100 °C	ISO 3104	mm <sup>2</sup> /s	5,4	6,8	8,7	11,4
Viscosity index	ISO 2909	-	102	100	100	100
Flash point	ISO 2592	°C	218	230	240	250
Pour point	ISO 3016	°C	- 12	- 9	- 9	- 9
Demulsibility	ISO 6614	min	5	5	< 10	< 10

Above characteristics are mean values given as an information.