

PRESLIA 32 - 46 - 68 - 100



TOTAL



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 Mwel
- 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 ³	870	875	884	886
Viscosity at 40 °C	ISO 3104	mm ² /s	32,3	46,3	67,4	99,3
Viscosity at 100 °C	ISO 3104	mm ² /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.