

# PRESLIA GS 32 - 46



*Turbine oil*

Mineral turbine oils for steam, gas and single shaft combine cycle turbines.

## APPLICATIONS

**Gas and steam turbines  
working in severe  
conditions**

- Regulation and lubrication circuits of gas, steam and combined cycle turbines working at high temperatures.
- Centrifugal and screw compressor bearing lubrication.
- Gearboxes.

## SPECIFICATIONS

### International standard

- Depending on their viscosity grade, **PRESLIA GS** 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 ALSTOM HTGD 90 117 V0001R
- ABB STAL 81 21 01 (grade 32)
- ABB STAL 81 21 02 (grade 46)
- ABB STAL 81 21 07
- ALSTOM FLUID SPECIFICATION REPORT 65/0027
- ALSTOM NBA P 50001A
- ALSTOM EGT 64/0501 7001, 64/0517002
- ALSTOM HTGD 90117 V0001S
- DEMAG DELAVAL 800 03798
- FIVE CAIL BABCOCK
- GARRET
- GENERAL ELECTRIC GEK 28 143A, GEK 32568E, GEK 32568F, GEK 107395a
- MAK M20-M601C turbocompresseurs
- MAN ENERGIE ME-TTS 001/18/92
- MIRRLEES BLACKSTONE K MAJOR MK2 turbocompresseurs
- NUOVO PIGNONE SOM 17366/4, SOM23543/5
- SIEMENS TLV 901304
- SKODA, TURBINY PLZEN
- SOLAR ES 9-224 U Class II
- THERMODYN ISPSH 901 SDI
- THERMODYN ISPSH 902 SDI

**TOTAL**

## ADVANTAGES

**High level machines protection**  
**Long oil drain intervals**

- The exclusive formulation of **PRESLIA GS 32 - 46** gives the following properties:
- Improved oxidation resistance at high temperatures allowing long life duration.
- Very low foaming tendency and high air release speed.
- Important anti-wear and anticorrosion ensuring high lubricated parts protection.

| TYPICAL CHARACTERISTICS       | METHODS    | UNITS              | PRESLIA GS |        |
|-------------------------------|------------|--------------------|------------|--------|
|                               |            |                    | 32         | 46     |
| ISO Grade                     | ISO 3104   |                    | 32         | 46     |
| Density at 15 °C              | ISO 3617   | kg/m <sup>3</sup>  | 855        | 859    |
| Colour                        | NF T 60104 |                    | < 2        | < 2    |
| Kinematic viscosity at 40 °C  | ISO 3104   | mm <sup>2</sup> /s | 33         | 46     |
| Kinematic viscosity at 100 °C | ISO 3104   | mm <sup>2</sup> /s | 5.8        | 6.9    |
| Pour point                    | ISO 3016   | °C                 | < - 12     | < - 12 |
| Flash point                   | ISO 2592   | °C                 | > 215      | > 215  |
| Desemulsibility               | DIN 51354  | min                | < 20       | < 20   |

Above characteristics are mean values given as an information.