

PRESLIA 32 - 46 - 68 - 100



Turbine oil

Mineral turbine oils.

APPLICATIONS

**Turbomachines gears
Regulation systems**

- **PRESLIA** oils are specially designed for the lubrication of hydraulic, steam or gas turbines. They can also be used in centrifugal compressors or turbochargers.

SPECIFICATIONS

**International standards
OEM'S**

- ISO 6743-5 THA/THE/TSA/TSE/TGA/TGB/TGE/TGSB
- ISO 8068 (ISO VG 32 & 46)
- ASTM D 4304 - type I & II
- JIS K2213 type 2 w/add
- China National Standard GB 11120-89 L-TSA
- Depending on their viscosity grade, **PRESLIA** oils meet the requirements of the following classifications and specifications :
 - **ALSTOM** HTGD 90 117
 - **ALSTOM HYDRO** HTWT 600050
 - **GENERAL ELECTRIC** GEK 27070, GEK 28143 B, GEK 46506 E, GEK 32568 G
 - **MAN ENERGIE** ME-TTS 001/18/92
 - **MAN Turbo** SPD 10000494596
 - **SIEMENS** TLV 901304 & TLV 901305
 - **SOLAR** ES 9-224W Class II
 - **SKODA, TURBINY PLZEN**

ADVANTAGES

**Long drain intervals
Simplified maintenance
Ageing protection**

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

| 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 | 46 | 68 | 100 |
| Viscosity at 100 °C | ISO 3104 | mm ² /s | 5,4 | 6,8 | 8,7 | 11,4 |
| Viscosity index | ISO 2909 | - | 100 | 100 | 100 | 100 |
| Flash point | ISO 2592 | °C | 218 | 230 | 240 | 250 |
| Pour point | ISO 3016 | °C | - 12 | - 9 | - 9 | - 9 |

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités
03-10-2012 (supersedes 17-07-2012)
PRESLIA 32-46-68-100
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.