

# Preslia GT 32 - 46

## High performance gas turbine oil for severe applications

### APPLICATIONS

- **Preslia GT** is specifically designed for:
  - The lubrication of gas and combined cycles turbines
  - Turbines operating under high thermal stress
  - Geared gas turbine lubrication
  - Compressor applications

### ADVANTAGES

- Exceptional oxidation resistance due to the selection of premium high-performance base stocks.
- Extra high thermal stability, leading to lower tendency for deposit formation.
- Superior anti-wear and extreme-pressure properties allowing for use in turbines with severely loaded gearboxes
- Resistant to reaction with ammonia thanks to highly refined base oils and specific additives

### SPECIFICATIONS

- ISO 6743-5  
TSA/TSE/TGA/TGB/TGE/TGSB/TGSE
- ASTM D 4304 Type I & II
- DIN 51515 Parts I & II
- ISO 8068
- JIS K-2213 Type 2
- China National Standard GB 11120-2011 L-TSA

### APPROVALS

Meets or exceeds the following specifications:

- ALSTOM HTGD 90 117
- ANSALDO TG02-0171
- GENERAL ELECTRIC GEK 27070, 28143, 46506, 32568, 107395, 101941
- SIEMENS TLV 901304/05
- SIEMENS INDUSTRIAL TURBO AB MAT 812101/02/06/07/08/09
- SIEMENS TURBOMACHINERY 1CW0047915
- SOLAR ES 9-224 Class II
- DOOSAN SKODA, TURBINY PLZEN
- BAKER HUGHES ITN 52220.01/02/03/06



For additional information, contact your local Totalenergies Lubricants representative or visit our web site: <https://lubricants.totalenergies.com>

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 downloaded from <https://sdstotalms.total.com>

## TYPICAL CHARACTERISTICS

| Properties               | Units              | Standards   | Preslia GT |        |
|--------------------------|--------------------|-------------|------------|--------|
|                          |                    |             | 32         | 46     |
| Density at 15°C          | kg/m <sup>3</sup>  | ISO 3675    | 841        | 851    |
| Viscosity at 40°C        | mm <sup>2</sup> /s | ISO 3104    | 32         | 46     |
| Viscosity at 100°C       | mm <sup>2</sup> /s | ISO 3104    | 5.7        | 7      |
| Viscosity index          | -                  | ISO 2909    | 130        | 125    |
| Flash point              | °C                 | ISO 2592    | 225        | 230    |
| Pour point               | °C                 | ISO 3016    | -30        | -30    |
| Air release              | Min                | ASTM D 3427 | 2,5        | 3      |
| Air Demulsibility        | Min                | ISO 6614    | <5         | <10    |
| Foaming                  |                    |             |            |        |
| Seq. I @ 24C             | ml/ml              | ISO 6247    | 10/0       | 30/0   |
| Seq. II @ 93C            |                    |             | 10/0       | 30/0   |
| Seq. III @ 24C after 93C |                    |             | 10/0       | 30/0   |
| TOST                     | H                  | ASTM D-943  | >10000     | >10000 |
| RVPOT                    | Min                | ASTM D 2272 | >2000      | >2000  |
| FZG                      | Fail stage         | ISO14635-1  | ≥ 9        | ≥ 10   |



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