

# Preslia

Turbine oil for  
efficiency & reliability

Ensuring your turbine's  
**optimal performance**

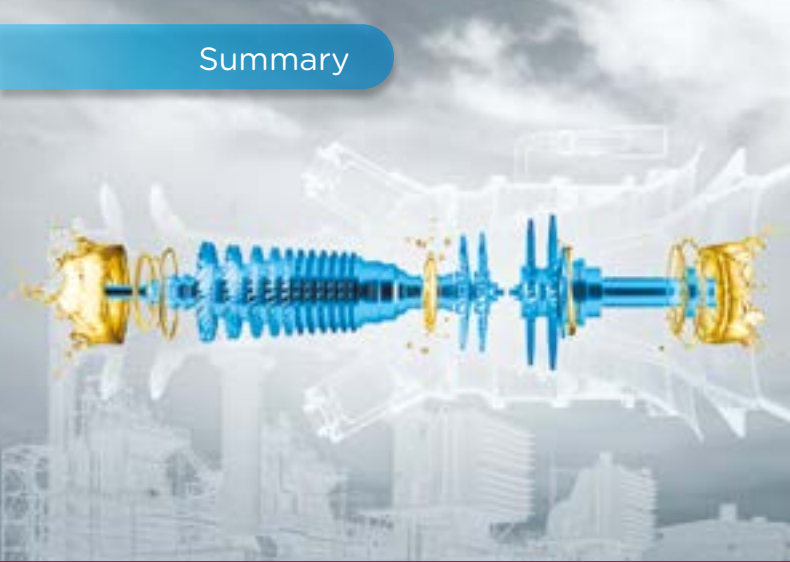


**TotalEnergies**

# Summary

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- Efficiency and Reliability with Preslia
- Tailor made services to meet your needs
- OEM specifications & approvals
- Five good reasons for choosing TotalEnergies Lubrificants



### Local presence

You can rely on **expert support** from our 130 affiliates and local supply chains to carry out your project wherever it is.

We give you direct **access to our value-added services for turbines**, including oil monitoring and implementation of our onsite turbine filling package.

### Reliable performance

Our formulations are optimally balanced to **minimize** deposits, **protect** your turbine under the most demanding conditions and keep your operations **trouble-free**.

The long operating life of our turbine oils will help you **maximize uptime and reduce your overall operating costs**.

### Wide expertise

**We have broad experience across many sectors:** fossil-fuel, nuclear, hydro, biomass, geothermal and concentrated solar power plants.

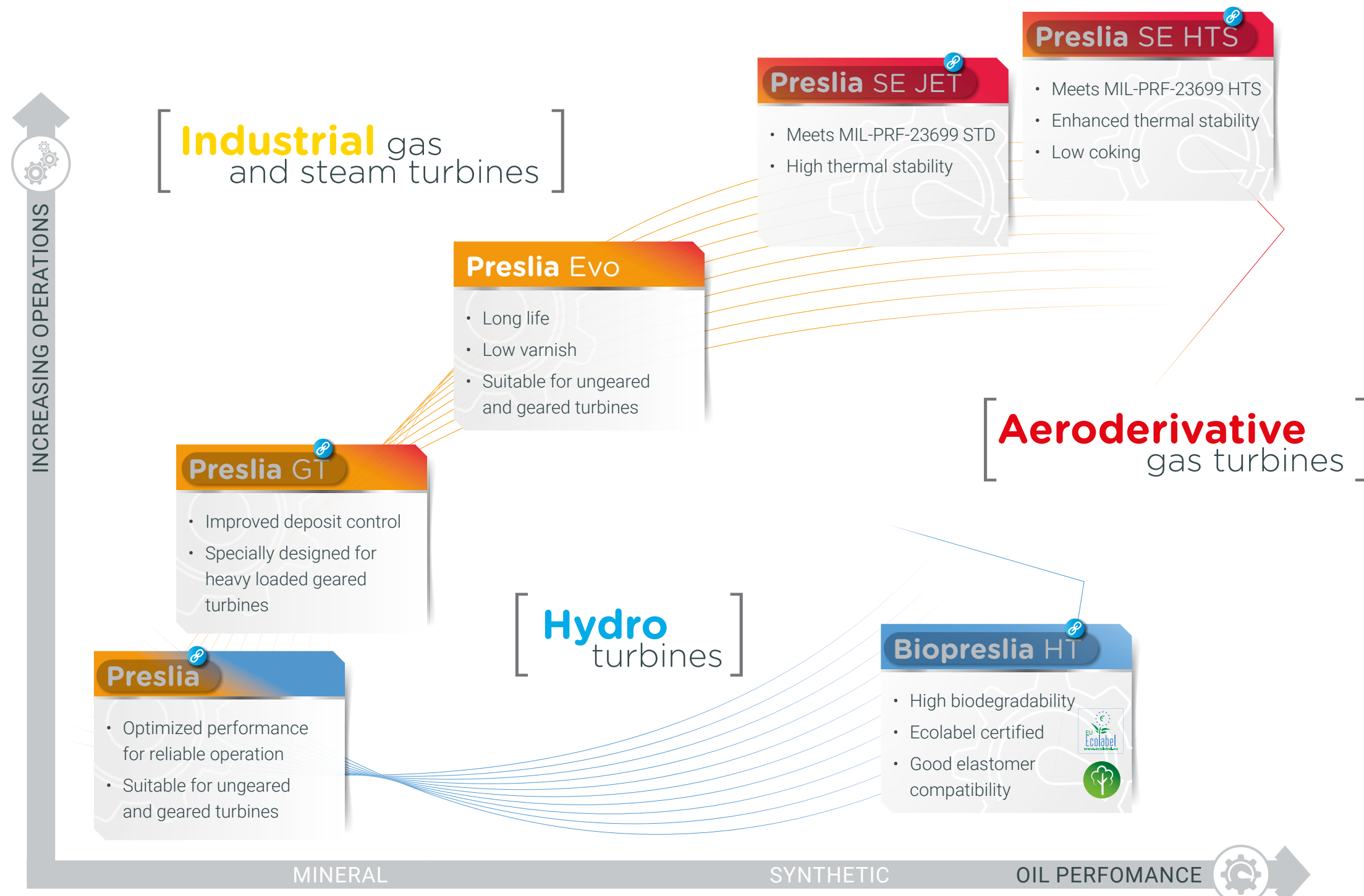
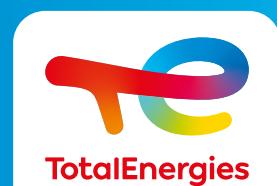
You are assured of **manufacturer-approved products** that have a proven track record in the field, from power companies to industrial processing plants.

## Turbines are essential to the energy transition.

More than ever, **reliability and uptime** matter when it comes to supporting dispatchable and **low-carbon power generation**.

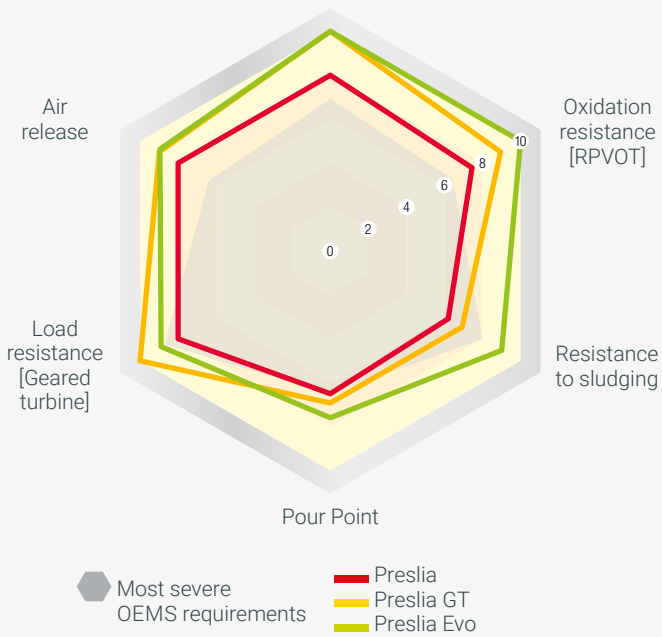
At TotalEnergies Lubrificants, we understand the need for operation-specific solutions. With the benefit of our extensive experience with original equipment manufacturers, **we offer you a complete range of lubricants and services for all turbomachines:** hydro, steam, gas, combined-cycle turbines and turbo compressors.

**Ramp up to full capacity with Preslia turbine oils!**



## TURBINE OIL PERFORMANCE

Oxidation stability [TOST]



## SERVICES TAILORED TO YOUR NEEDS

### Oil condition monitoring



**LubAnac** is an in-service oil monitoring solution to help you optimize drain intervals and extend the service life of your equipment.

For turbines, TotalEnergies Lubrificants has developed **LubAnac Turbine**, a package to monitor the parameters that are critical for their operation:

- **LubAnac Water Content (Karl Fischer Method) from 10 ppm** to detect accidental water pollution, ideal for hydro, steam, or gas turbines operating in a humid environment.
- **Air release and foaming** to prevent wear and control malfunctions caused by the presence of air bubbles in the oil, regardless of turbine type.
- **Presence of oxidation and varnish precursors (Membrane Patch Colorimetry method)** to avoid lacquering of critical components and coolers in both steam and gas turbines.

## EHC FLUIDS FOR STEAM TURBINES

### Hydransafe FR EHC

- Phosphate ester hydraulic fluid
- Superior fire resistance
- Improved health and safety performance

### Flushoil FR EHC

- Phosphate ester flushing fluid
- Improved system cleanliness
- Easy maintenance

### Azolla AF

- Ashless mineral hydraulic oil
- Applications without fire risk

### Oil system maintenance



Our teams can **assist you anytime** to keep your lube oil system in good conditions. It includes:

- Flushing and first fill operations
- Oil tank cleaning
- Oil filtration
- Water removal from oil
- Prevention of varnish build-up
- Waste oil management





### A major player

With our production, supply chain and commercial presence in more than 160 countries, we deliver a full range of lubricants.

### Support and partnership

Thanks to local technical presence, we provide a high level of service to optimize your Total Cost of Ownership.

### References & OEMs

TotalEnergies Lubrificants cooperates with equipment manufacturers to create high-technology products for optimal performance and production of your machinery.



### Innovation & Research

TotalEnergies Lubrificants invests in biotechnologies to find the most suitable components to reach energy efficiency through formulations designed in our Research Centers.

### Quality and environment

TotalEnergies Lubrificants ISO 9001 and 14001 certifications are the guarantee of a long term commitment to quality and environment. From the initial design stage, our R&D teams seek to develop products that minimize toxicity risks and environmental impact.



# TotalEnergies



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Safety Data Sheets are available at [ms-sds.totalenergies.com](http://ms-sds.totalenergies.com)



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