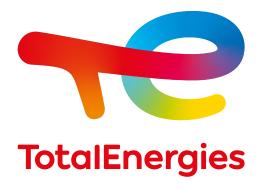


# **LubAnac** industry

Oil analysis expertise to optimize your operations



### Summary

- → Anticipate to save, choose reliability, field proven efficiency
- → Your benefits with LubAnac industry
- → A secure extranet for direct access to your results
- → Five good reasons for choosing TotalEnergies Lubrifiants



The essential tool for optimizing your operating costs. The oil within your equipment contains vital information on its working conditions.

Every maintenance manager wants to avoid:

- Unscheduled shutdowns
- Unplanned interventions
- Financial losses

### LubAnac industry

Oil analysis for optimized operating costs.

### **Anticipate to save**

A tailored analysis program can help you move from reactive to predictive maintenance.

Plan your production shutdowns to perform maintenance operations at the optimal time.

Extend the lifetime of components and lubricants to the maximum.

Improve equipment productivity while minimizing maintenance costs.

### **Choose reliability**

LubAnac industry analysis are carried out in our own laboratories, benefiting from close to 40 years' expertise in industrial oil diagnostics.

We know the formulation of the lubricants you use, so we master how to assess their performance. As each industrial process is unique, our specialists advise on the most suitable analysis program for your equipment and its running conditions.

### Field proven efficiency

We provide a full analysis kit including sampling bottles, registration labels and pre-printed mailing envelopes. Complete your analysis, then view your diagnosis on a secure extranet. The results are also emailed to you.

The Lubinsight maintenance planner program automatically transfers the results of analysis into the LubInsight maintenance planner database to enable the monitoring of analysis history and schedule maintenance operations.

### An easy-to-use service!

LubAnac industry diagnoses in 12 languages.

The results and comments are available in German, English, French, Italian, Dutch, Portuguese, Spanish, Turkish, Chinese, Korean, Hungarian, Czech.

### How to proceed

- 1 Collect the sample under identical conditions, if possible with the machine running.
- 2 Collect the product directly in a clean LubAnac industry bottle to avoid pollution of the sample.
- 3 Identify as quickly as possible the bottle with the LubAnac industry stickers.
- 4 Send the analysis kit (bottle, form and identification stickers) to the laboratory with the enveloppe provided.
- 5 Get your result and expert recommendation by email and 24/7 online extranet.

Machine and component reference (machinery and equipment database)

Comments made by our industrial lubricants experts

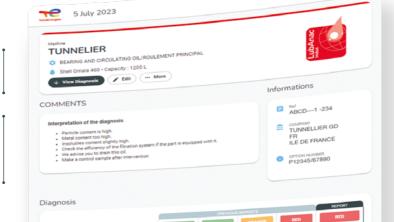
> Sample references

General characteristics

Additive elements

Wear elements

Pollutant elements



Overall diagnosis

Analyzed lubricant

Customer references

Historical results

color alerting







Dangerous

**TotalEnergies** 

Easy to read Slight Anomaly

## Your benefits with LubAnac industry



Anticipation and scheduling of maintenance operations enables optimal timing of interventions



Optimization
of drain intervals
and extension
of the lifetime
of your machines



Maximum reliability and performance of your assets



**Reduction** of the operating costs

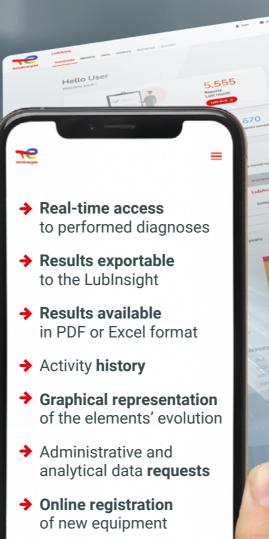
### Comprehensive range of oil analysis

A solution for all of your industrial applications.

1			Basic	Standard	Premium
LubAnac industry		Diagnostic system for the monitoring of the evolution of the industrial oil conditions during use <b>for all applications</b> .	•		
LubAnac soluble		In-depth diagnostic system for <b>water-based cutting fluids used in metalworking.</b> It is offered in 2 sets (Standard and Premium) to perfectly match your needs and extend sump life.			•
LubAnac turbine		In-depth diagnostic system for the monitoring of the evolution of the state of the <b>turbine lubricant during use</b> and as an assessment of the operating conditions of the machines, supported by expert recommendation and graphs.			•
LubAnac calo		In-depth diagnostic system for the monitoring of the evolution of the <b>state of heat transfer fluids during use</b> and as an assessment of the operating conditions of the systems, supported by expert recommendation and graphs.			•
LubAnac frigo	《業》	In-depth diagnostic system for the monitoring of the evolution of the <b>state of the refrigerating compressor</b> lubricant during use and as an assessment of the operating conditions of the machines, supported by expert recommendation and graphs.	I		•
LubAnac gas	GAS	Diagnostic system. Through a simple used oil analysis, LubAnac Gas gives a follow-up of the behavior and depletion of the lubricant and the mechanical wear of <b>industrial gas engines</b> .			
LubAnac trempe		In-depth diagnostic system for the monitoring of the evolution of the <b>state of quenching oils during use</b> and as an assessment of the operating conditions of the systems, supported by expert recommendation and graphs.			•
LubAnac hydraulic		In-depth diagnostic system for the monitoring of the evolution of the state of the <b>hydraulic lubricant</b> during use and as an assessment of the operating conditions of the system, supported by expert recommendation and graphs.			•
LubAnac gear		In-depth diagnostic system for the monitoring of the evolution of the state of the <b>gear lubricant</b> during use and as an assessment of the operating conditions of the machines, supported by expert recommendation and graphs.			•
LubAnac compressor		In-depth diagnostic system for the monitoring of the evolution of the state of the <b>compressor lubricant</b> during use and as an assessment of the operating conditions of the machines, supported by expert recommendation and graphs.			•
LubAnac wind		In-depth diagnostic system for the follow-up of specific <b>wind turbine transmissions</b> operating in severe service conditions, supported by expert recommendation and graphs.			•
LubAnac coolant		In-depth diagnosis for the follow-up of cooling liquids and cooling systems. LubAnac coolant ensures: • A detailed monitoring of the coolant behavior and cooling system condition • A rigorous compliance check of the cooling liquid properties in use.			•

# A secure extranet for direct access to your results

LubAnac industry provides fast user-friendly access to diagnoses and extensive functionality for optimal management of all your analysis:



24/7 access

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

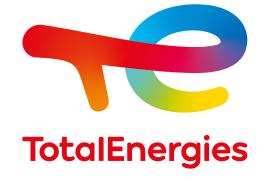
good reasons for choosing **TotalEnergies** Lubrifiants

### **Innovation** & Research

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

### **Quality and environment**

TotalEnergies Lubrifiants 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.







lubricants.totalenergies.com



ms.industry@totalenergies.com





**TotalEnergies Industry Solutions**