

LubAnac

pro

➤ The diagnostic system for optimal fleet management

LubAnac PRO is a diagnostics system for drivelines, based on the scientific interpretation of used oil analysis data, which allows fleet managers to reduce the maintenance costs of their vehicle / machine park.

LubAnac PRO is recommended for :

- Systematic follow-up of driveline component wear and lubricant behaviour.
- Prevention of breakdowns.
- Extension of the lifetime of driveline components
- Application of conditional maintenance, hence reduction of cost price per km, mile or hour.

➤ Measured characteristics

Mechanical wear:

Wear elements : Iron, Lead, Copper, Tin, Chromium, Aluminium, Nickel (ppmc)

Contamination of the lubricant:

Silicon (ppm), Water (%) for all applications

Soot (%), Cooling Liquid (presence), Fuel (%) for engine oil applications.

Characteristics of the lubricant:

Kinematic viscosity (mm²/s) at 100°C

Kinematic viscosity (mm²/s) at 40°C for hydraulic and industrial oils (ISO VG type)

➤ Additional analysis (option)

- Additive elements Ca, Zn, P, Mg, Mo, Ba, V, Na, B, K, Ag
- TBN for engine oils
- TAN for hydraulic and transmission oils
- Second viscosity (mm²/s) at 100°C or at 40°C
- Infrared analysis
- Oxidation measurement
- Sulphated Ash

Optional analysis can increase the reporting time with 24 hours.

LubAnac pro

➤ Presentation of results

The diagnosis report is available within 72 hours after reception of the oil sample in the lab and can be dispatched either by e-mail or can be consulted on a secured Internet portal.



Color code : green , orange, red

Administrative data on customer, machine, part, oil sample

Wear elements and evaluation (color)

Contamination elements and evaluation (color)

Characteristics of the lubricant and evaluation (color)

Wear Coefficient: Indicates the global wear of the engine compared to all identical engines (same make and type) in the LubAnac database

CAPS (Customer Assisted Prognosis System): Based on customer feedback, the possible causes and appropriate corrective actions are indicated with a percentage of probability. The degree of importance indicates the risk of engine damage in the near future. Comments are generated on the most likely cause for this specific engine type.

The history of the 5 most recent diagnosis is displayed on the report. Reports are available in 19 languages.

A website that helps to manage the park monitoring: lubanac.totalenergies.com

A personal and secured access for:

- the consultation of new reports and history
- the creation of QR codes for machine identification
- the management of diagnosis data
- the download of the data in Excel or pdf files
- compatibility with smartphone and tablet



➤ Diagnosis and comments

- Comments generated by database of successful corrective actions after LubAnac diagnoses, fed by customer feedback.
- More than 45 years of experience.
- Wear coefficient: allowing fleet managers to fine-tune maintenance to lowest possible km, mile or working hour cost.
- Database on more than 8,5 million analyses, over 400.000 components in follow up.
- Reports available by e-mail or Internet.

