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

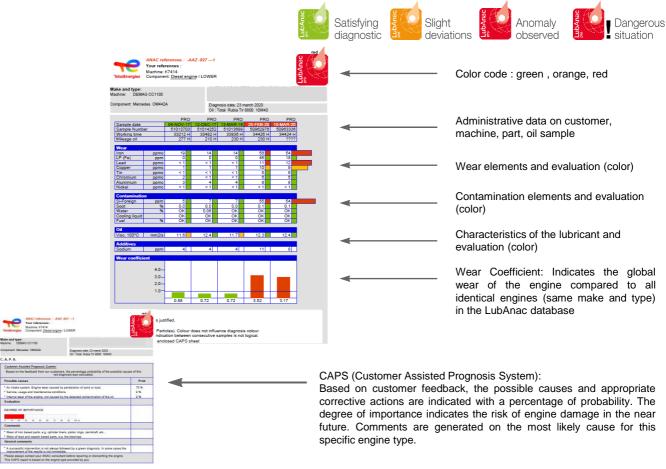
Optional analysis can increase the reporting time with 24 hours.



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Open 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.



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

O 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.



