

ANAC

The diagnostics system for optimal fleet management



ANAC 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.

ANAC is recommended for :

- Systematical follow-up of driveline component wear and lubricant behaviour.
- Prevention of breakdowns.
- Extension of the life time 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 (dust), Soot* (%) , Water (%), Cooling Liquid*(presence) , Fuel* (%)

*only for engines

Characteristics of the lubricant:

Viscosity (mm²/s) at 100°C or 40°C**

** hydraulic parts and ISO VG oils

Optional : Additive elements Ca, Zn, P, Mg, Mo, Ba, V, Na, B, K
Sulphated Ash

DIAGNOSIS AND COMMENTS

The diagnosis and comments are automatically generated by the ANAC application using :

- The ANAC diagnosis algorithms, allowing compensation for the effect of oil top-ups and varying oil mileages, hence focusing on the genuine wear condition of the component.
- The ANAC database with reference data of all current part types, calculated on more than 3 million performed analyses.
- The database of feedback on successful corrective actions by the users

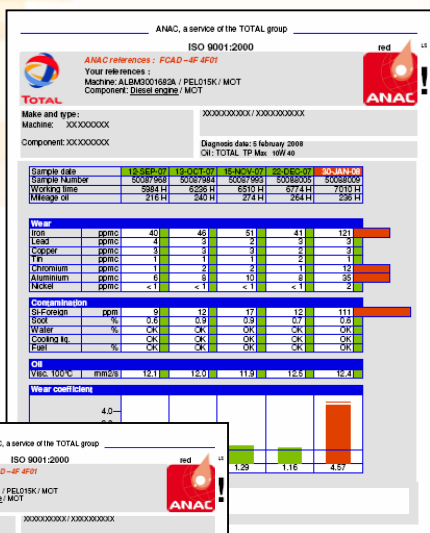


DIAGNOSIS REPORT

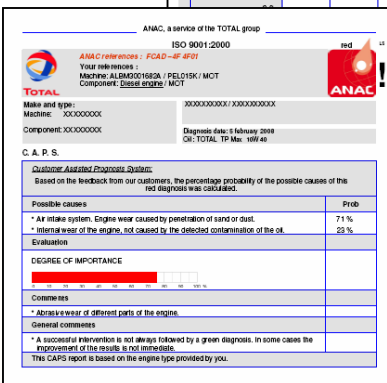
The diagnosis report is available within 48 hours after reception in the lab and can be dispatched either by post or e-mail, and can be consulted on the Internet. In urgent cases, the report will be faxed, as soon as the diagnosis is available.



The history of the 5 most recent diagnoses is displayed on the report



- ← Colour code : green , orange, red
- ← Administrative data on customer, machine, part, oil sample
- ← Wear elements and evaluation (colour)
- ← Contamination elements and evaluation (colour)
- ← Characteristics of the lubricant and evaluation (colour)
- ← Wear Coefficient:
Indicates the global wear of the engine compared to all identical engines (same make and type) in the ANAC 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.

www.anac.diagnosis.com



A personal and secured access for :

- Consultation of new results and history
- Graphical display of analysis results
- Queries
- Downloads of Excel and Pdf -files
- Statistics
- Recording data of new samples

Available in 6 languages

ANAC MAKES A DIFFERENCE

- Database on more than 3 million analyses, over 400.000 components in follow up
- Comments generated by database of successful corrective actions after ANAC diagnoses, fed by customer feedback
- Wear coefficient :tool allowing fleet manager to finetune maintenance to lowest possible km, mile or working hour cost
- User friendly website for management of diagnosis data
- Reports available by post, e-mail, fax or Internet
- More than 30 years of experience
- Reports available in 15 languages.

