

TOTAL ANAC PRO



The diagnostics system for optimal fleet management

TOTAL ANAC 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.

TOTAL ANAC Pro 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 (ppm), 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, Ag
Sulphated Ash

DIAGNOSIS AND COMMENTS

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

- The database of feedback on successful corrective actions by the users.
- The TOTAL ANAC Pro diagnosis algorithms, allowing compensation for the effect of oil top mileages, hence focusing on the genuine wear condition of the component.
- The TOTAL ANAC Pro database with reference data of all current part types, calculated on more than 4 million performed analyses.



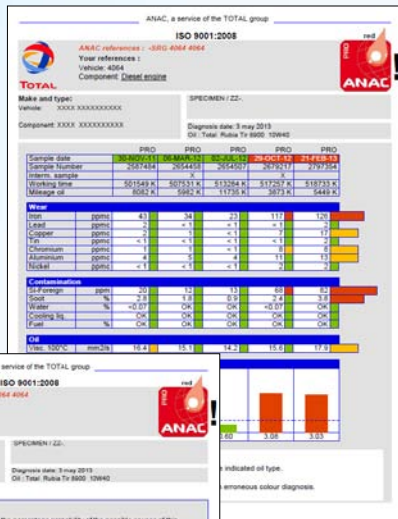
TOTAL

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

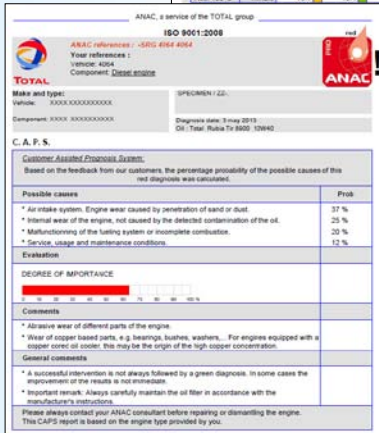
Administrative data on customer, machine, part, oil sample

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 TOTAL 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.

A website that helps to manage the park monitoring:
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

- Mobile version for Smartphone's & tablets
- Statistics
- Recording data of new samples

Available in 7 languages

TOTAL ANAC MAKES A DIFFERENCE

- Database on more than 4 million analyses, over 400.000 components in follow up.
- Comments generated by database of successful corrective actions after TOTAL ANAC diagnoses, fed by customer feedback.
- Wear coefficient: tool allowing fleet manager to fine-tune maintenance to lowest possible km, mile or working hour cost.
- User friendly website for management of diagnosis data, also accessible via smartphone.
- Reports available by post, e-mail, fax or Internet.
- More than 35 years of experience.
- Reports available in 19 languages.

