TOTAL LUBRICANTS

ANAC

Let your oil do the talking!

ANAC is a diagnostic system that allows you to enforce a preventative maintenance programme on your fleet of vehicles and equipment. ANAC can save you time, money and effort by detecting and advising corrective actions to prevent both breakdowns and equipment degradation. ANAC combines oil analysis, 30+ years of analysis data and statistical methods to provide you with not only oil analysis, but also comparative information against similar applications.

WHY SHOULD YOU CHOOSE TOTAL ANAC ?

With TOTAL ANAC, the full range of oil analyses for all activities and applications are available to:

- ✓ REDUCE your operating costs.
- ✓ ANTICIPATE and PLAN maintenance operations at the optimal moment.
- ✓ INCREASE the lifespan of your equipment.
- ✓ IMPROVE your equipment's reliability and performance and availability.
- ✓ OPTIMISE your oil change frequency/intervals.

The TOTAL ANAC service, available throughout the world, gives you objective and scientifically proven results and guidance, that are easy to understand and benefit from.

TOTAL ANAC experts are available throughout the world

- **One central European laboratory:** This laboratory, based in Ertvelde (near Ghent in Belgium), applies modern oil analysis techniques and incorporates a high-level of automization.
- **A network of connected laboratories:** South Africa, Kenya, Ghana, Cameroon, Senegal, Mauritius, Morocco, Dubai, India, China, Australia, Mexico, to name a few.
- **19 languages** used for diagnostics
- **A technical contact** at your disposal

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🌐 www.anac-diagnosis.com

+ **4,000,000** diagnostics since the start
+ **200,000** diagnostics / year
+ **470,000** mechanical components monitored
+ **30** years of experience

TOTAL

Committed to Better Energy

Manage a fleet of vehicles:
TOTAL ANAC offers you its "flagship" product, TOTAL ANAC PRO HD.

In over 30 years, TOTAL ANAC has referenced approximately 15,000 types of mechanical components and engines and approximately 500,000 components are monitored in the ANAC database. That is why, TOTAL ANAC PRO HD offers you accurate and computerised interpretation of your oil analysis results.

A unique colour-code simplifies report reading. Using a data compensation system, TOTAL ANAC PRO HD is the solution offered to all fleet managers to accurately identify the wear condition of their vehicle driveline components. Also suitable for basic industrial applications.

Coolants also have their own analysis: TOTAL ANAC COOLANT.

In addition to lubricants, coolants play a major role in engine protection. For this reason, TOTAL ANAC also makes a diagnostic of your coolant enabling you to check its efficiency in protecting against corrosion, temperature and other properties relating to coolant health.

With TOTAL ANAC INDUS, TOTAL is putting the technical skills and knowledge of its product engineers at your disposal.

At the heart of the INDUS system is a database including all characteristics specific to all TOTAL lubricants: use preventive rather than curative maintenance for optimal productivity of your equipment.

- Turbine oils (Turbine)
- Refrigerating compressor oils (Frigo)
- Heat transfer oils (Calo)
- Other test programmes are also available

For a diagnostic suited to industrial gas piston engines, running on natural gas or biogas, choose TOTAL ANAC GAS.

This analysis is made taking into account manufacturers' recommendations for wear and lubricant specifications.

EASY TO USE

Diagnostic-reports: A unique system of integration

Wear elements, contaminates, additive health and lubricants characteristics are examples of some of the reported data.

THE WEAR COEFFICIENT indicates the ratio between the wear of the engine and the wear of all identical engines in the database. A wear coefficient greater than 1 indicates higher wear than average for this type of component. The wear coefficient is the ideal parameter for identifying machines where the cost per kilometer or per hour can be reduced.

The CAPS* report

In the event of a red report, i.e. observed anomaly, the CAPS report indicates the corrective actions to be carried out and their probability of success based on statistical processing of customer feedback. It helps to quickly find the root cause and optimize space parts replacement.

The compensation system is based on sophisticated mathematical models which eliminate the effects of oil top-up and duration of the oil bath.

*Customer Assisted Prognosis System
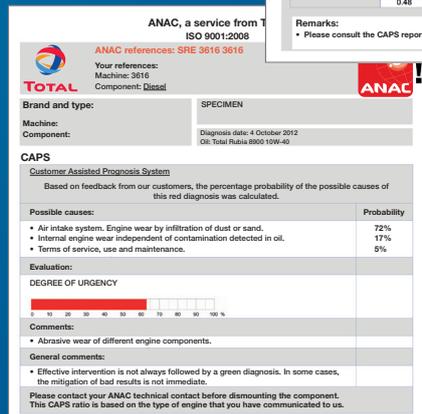
Satisfactory diagnosis

Slight deviations

Anomaly noted

A potentially dangerous anomaly