

Portfolio overview

PrimeServ Assist Fluids

Your machinery generates vast quantities of data every single day. Continuous monitoring with PrimeServ Assist helps you use this data to avoid downtime, optimize performance, and anticipate future issues.

Core

Stealth

Add-ons

Everllence

Extended component time between overhauls

PrimeServ Assist Fluids is an add-on service to the PrimeServ Assist Core. It requires the on-site Multi Fluid Monitor (MFM) from Everllence and integrates the locally created Fluid quality data into the Everllence CEON cloud platform. These data, combined with the engine data which is already available, will enable our Remote Operation Center (ROC) experts to proactively advise you when improvements in Fluids quality will extend component time between overhauls.

PrimeServ Assist Fluids

The importance of lube oil cannot be overstated. 70 % of anomalies can be detected by analyzing lube oil. Furthermore, 50 % of engine damage is caused by lube oil contamination or deterioration. PrimeServ Assist Fluids spots the problems and lets you act before damage is done.

What you get

Engine operation systematically degrades and pollutes the lube oil circuit: combustion soot, fuel mixture and wear particles appear in the engine lube oil. Early detection of any deviation is essential to prevent damage to the engine and its auxiliary equipment.

Benefits:

- Permanent lube oil measurement with sensors
- Detects degradation in engine and auxiliaries
- Operating condition monitoring tools
- Alarm and stop recommendations

How it works

The MFM for lube oil constantly monitors the lube oil in the engines. Using autonomous intelligence, it analyzes the lube oil, detects anomalies and alerts the operator of any deviations. It also provides a global view of all the operational lube oil parameters. With the Fluids add-on, this information is integrated into your PrimeServ Core reporting. It is displayed on a dashboard with lube oil degradation index and long-term trend views accessible not only to the local crew, but also to head office experts.

In addition, this data is analyzed by the PrimeServ Assist Remote Operation Center Experts, who will proactively assist you with advice.

Fluids is an add-on service for the PrimeServ Assist Core package. It also needs the MFM device to be installed. The MFM consists of two small cabinets.

User

High-level summary for **senior managers**



Detailed information for **technical staff**

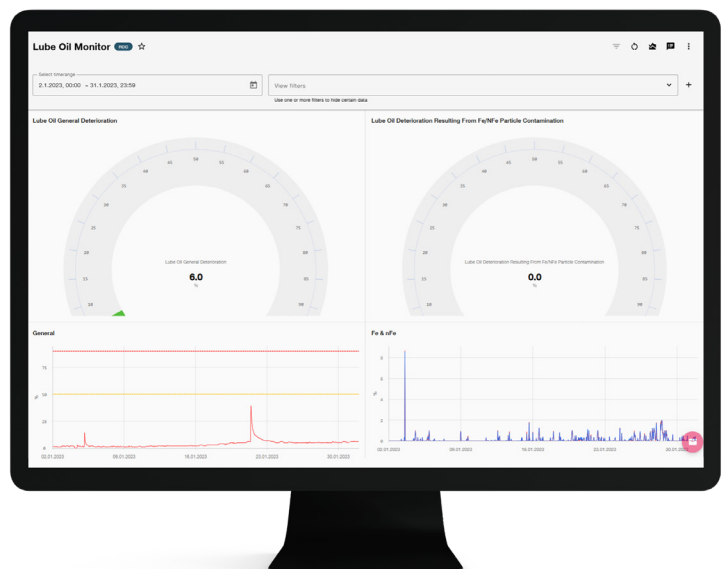


Scope

Additional Fluids dashboard in the PrimeServ Assist Web App including lube oil degradation index and long-term trend views

Ad hoc advice messages based on OEM expert monitoring and analysis including:

- Localization of particle source in drive train components (splash oil system, main bearing) to reduce the risk of breakdowns
- Degradation of lube oil caused by the supply and treatment system, e.g. separator efficiency losses
- Pollution of lube oil through other media (e.g. cooling water)



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MAN Energy Solutions SE has been renamed to Everllence SE and its products are being rebranded from "MAN" and/or "MAN Energy Solutions" to "Everllence". As this is an ongoing process, any reference to "MAN" and/or "MAN Energy Solutions" is actually a reference to "Everllence".

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