

ABB Ability™ Tekomar XPERT



ABB Ability™ Tekomar XPERT software provides an instant diagnosis of engine performance, with advice to reduce fuel costs and the environmental footprint of a fleet. Each day, XPERT offers fuel savings of up to 3 tons and financial savings of up to \$1000 per vessel. XPERT also saves 2-3 hours of analysis time per engine.

— Tekomar XPERT control room
— 01 Tekomar XPERT offers instant savings for optimal fleet performance in the long term.

Return on investment

By evaluating deviations and quantifying potential fuel oil savings, XPERT offers tremendous value, saving fleet managers time and money by making it faster and more convenient to analyze vital data for optimal performance on the world's oceans.

Accuracy and performance

A fleet manager is able to overlook crew to respond immediately based on accurate insights. An overview screen instantly gives a sense of priority actions required across a fleet and sub-fleets, 24/7, helping fleet managers identify potential problems quickly so they are fixed, rather than initially analyzed for many hours and not followed up. This supports optimal fleet performance in real time for maximum uptime and productivity.

How XPERT achieves results

XPERT offers an instant improvement advisory, with quick insights into:

- Operational influences
- Effects on performance
- Actions to take for performance improvements

It gives meaning to data, with immediate advice on how to improve performance and fuel savings.

Customer focus

XPERT analytics are aligned to specific customer requirements, ensuring customers' unique needs are met. Whether a fleet manager oversees five ships or many more across an international fleet, the benefits are instantly evident.



Savings for sustainable performance

Fuel savings.

Up to 3 tons per vessel, per day.

Cost savings.

Up to \$1000 per vessel, per day.

Efficiency gains.

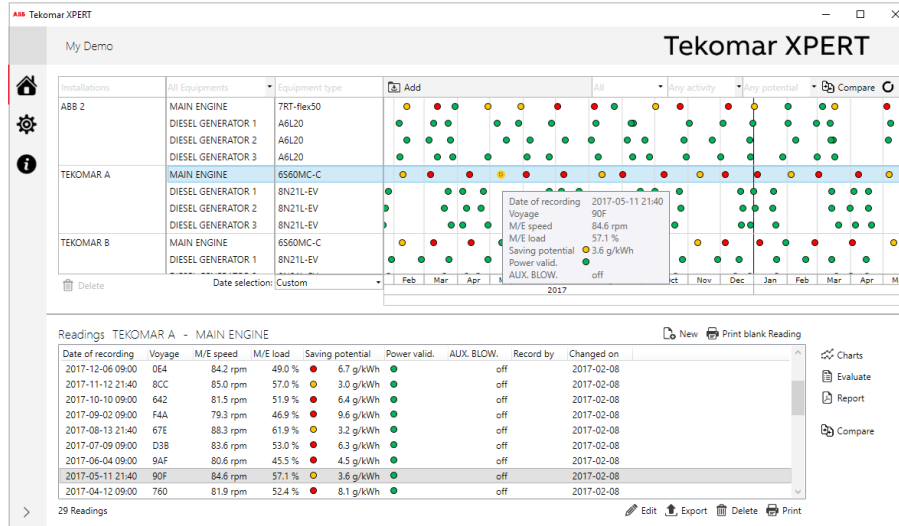
Up to 2-3 hours analysis time.

Competitive pricing.

Payback time is typically less than 3 days.



XPERT interface



- High fuel oil saving potential
- Some fuel oil potential
- Good engine performance

02 An intuitive, user-friendly interface ensures Tekomar XPERT is a convenient tool for prioritizing actions across fleets and sub-fleets. Colour coding provides clear visual cues to support action.

02

The XPERT interface

XPERT includes a dynamic interface with essential information in an intuitive display. Vital data, such as vessel reporting activity and savings potential, can be quickly pinpointed, and criteria including engine and ship type can be used to filter results – which is particularly useful in larger fleets.

Sustainability

By quantifying potential fuel oil savings, XPERT supports fleet operators adopting more sustainable shipping practices for long-term business success.

Connectivity

XPERT offers connectivity to existing and new devices, software applications and data systems, with easy and fast installation for maximum convenience.

OEM advantage

XPERT is supported by ABB Turbocharging as an original equipment manufacturer (OEM) with a reputation for product and service excellence.

The software was upgraded recently, reflecting a commitment to simply enable more with digital solutions targeted to meet customers' requirements.

ABB Ability™

Continuing a history of innovation spanning more than 130 years, ABB today is writing the future of industrial digitalization. ABB Ability™ is the company's unified and cross-industry capability, with devices, systems, solutions, services and a platform that enable marine customers to know more and do more – both better and together.

As part of the ABB Ability™ portfolio, XPERT is connected to ABB's digital ecosystem. Partners and customers are joining together with ABB to develop smart solutions for the future of shipping.

With XPERT, data is stored in the cloud through ABB Ability™, with the software benefitting from access to ABB's rigorous and sophisticated approach to data security.

Tekomar by ABB Turbo Systems AG
Merkurstrasse 23, CH-8400
Winterthur, Switzerland
Phone: +41 58 585 15 20
E-mail: CH-sales.tekomar@abb.com

abb.com/turbocharging

© Copyright 2018 ABB. All rights reserved.
Specifications subject to change without notice