

WHO ARE WE?

Neptunus has over 26 years of experience in delivering proven, technology-led, innovative maintenance solutions to many of the world's foremost Oil & Gas and Marine asset users across India, South Asia, the Middle East and Europe. We curate energy-efficient maintenance solutions through the use of an IP-owned, class-approved Condition Monitoring technology that monitors and preempts an engine's emerging faults in real-time (months in advance).

Today, Neptunus has successfully delivered over 2500 maintenance projects with over 150 customers across industries in over 30 countries.

WHY CHOOSE US?

Neptunus is transforming the way maintenance is done on engines and other rotating equipment through cutting-edge diagnostic interventions such as Torsional Vibration Analysis and Oil Quality Management Solutions. Neptunus' mission is to give its customers valuable real-time data about their critical assets well in advance.

With our years of OEM experience in engine maintenance; we are helping customers save thousands of dollars by helping them avoid unplanned breakdowns, safely extend time-based overhauls, and optimise spare parts consumption.

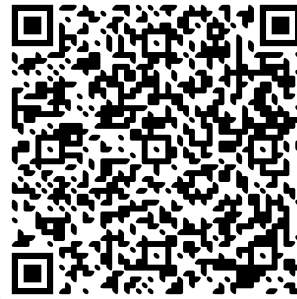
VISIT US

www.neptunus-power.com

A 554/555 MIDC, T.T.C. Industrial Area, Mahape, Navi Mumbai, Maharashtra 400710

SCAN THE QR CODE

TO CONTACT US & KNOW ABOUT OUR WORK



GLIMPSE INTO OUR SERVICE VALUE-ADDS

- OQMS Helped Unlock Potential Savings of ~\$108,000 on Fleet of 4 Rigs for One of Our On-shore Oil & Gas Customer
- ECMS Helped Eliminate 1 TOH & 73% on MOH for One of Our Marine Customer
- ECMS Enabled Direct Saving of ~\$14,000 & Consequential Expense of ~\$30,000 for One of Our Marine Customer



NEPTUNUS
The Machine Reliability Expert

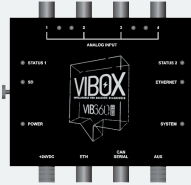
**Most Advanced
AI-Powered
Prognostics & Diagnostic
Engine Condition
Monitoring Technology**

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OUR TECHNOLOGY

Engine Condition Monitoring System (ECMS)

One of its kind, Torsional Vibration FFT based real time engine condition monitoring system that helps identify faults in engines months before any of the conventional systems today.



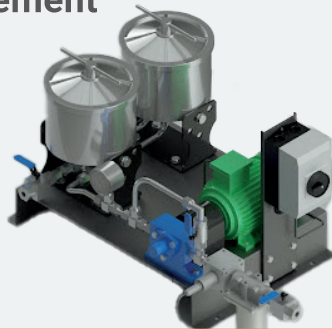
VIBOX 360

KEY HIGHLIGHTS

- Early Fault Detection
- Measures Component Level Vibration
- Localised Fault Detection & Alarms
- Easy to Configure & Operate

Oil Quality Management System (OQMS)

OQMS ensures that oil remains continuously clean by removing the sources of oxidation and displays oil quality data based on several key oil quality parameters on your mobile phone.



MICRO FILTRATION SYSTEMS

KEY HIGHLIGHTS

- Alerts for Potential Oil Degradation
- Detailed Oil Quality Data
- Reduces Oxidation by 99%
- Kidney Loop Microfiltration System

OIL CONDITION MONITORING SYSTEM

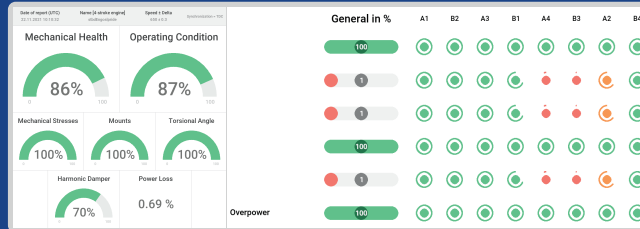


ACCESS CRITICAL ASSET HEALTH DATA REMOTELY 24x7

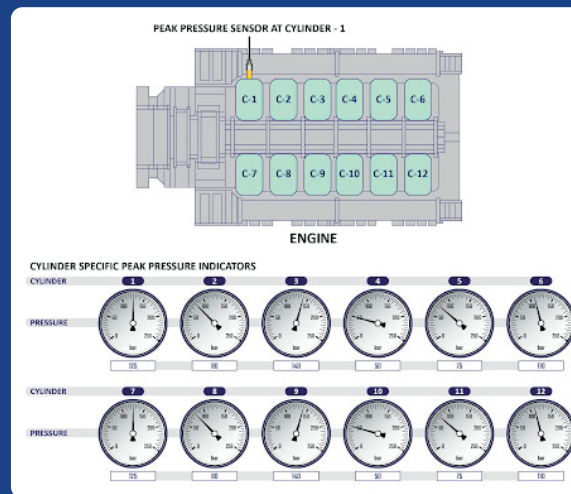


Combine the power of Artificial Intelligence, Cloud Computing and the magic of Torsional Vibration measurements to get real-time insights about your assets, historical engine health trends on a custom-built IOT dashboard.

Diesel Engine Health Indicator

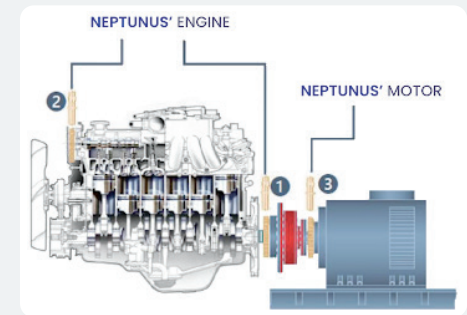


Cylinder Peak Pressure Monitoring



HOW DOES OUR SYSTEM WORK?

- System can be Installed on Engine & Turbines on Ships, Oil Rigs etc.
- Real-time data of the equipment can be seen on-shore using our cloud platform
- Equipment owners get early warnings of failure months in advance and can take early action
- If equipment is in good condition at the time of the OEM-scheduled maintenance, asset owners can safely extend the maintenance interval



HOW DOES OUR SYSTEM HELP?

- Emerging fault detection leads to much higher reliability and eliminates breakdowns
- Saving of 30-40% in operation and maintenance costs over the life-cycle of the equipment
- Reduction in usage of fuel, lube oil, spare parts, leading to reduced carbon footprint
- Critical asset health data can be viewed 24x7 remotely on customised IOT dashboards

