



marine lubricants

FAST™ OnBoard



A primary goal for vessel operators today is the reduction of operating and maintenance costs.

Eliminating unnecessary and avoidable machinery downtime can be achieved through the adoption of regular and simple on-board testing.

The earliest detection of changes in the chemical and physical properties of fuels and lubricants allows for immediate decisions to be made on corrective action that could be the difference between a costly catastrophic failure or cost-effective planned maintenance.



Asset optimisation begins with FAST™ OnBoard.



FAST™ OnBoard

FAST™ OnBoard offers the solution

The FAST Onboard test kit from Chevron Marine Lubricants offers both new and experienced condition monitoring practitioners a compact, portable and simple array of tests to quickly and accurately trend the performance of the oils used aboard their vessels.



Multi-parameter test features

Water — The supplied water test cell, with its easy-to-read digital display, provides instructions and results at various concentrations from 200–10,000 ppm, 0–10%.

Base Number — Utilising the same reaction cell used for water, the FAST OnBoard Kit reports the used BN value for oils up to 150BN.

Insolubles — Chromatography papers easily display the soot/carbon build-up in the system. Increased viscosity, poor oil dispersancy or blocked filters could be the cause.

Viscosity Comparator — Recognised as one of the most important oil characteristics, the Viscostick provides a direct comparison of a used oil viscosity against a sample of the new oil, helping to identify fuel dilution, oxidation, emulsification issues.

Salt Water Determination — A simple colour change pad easily indicates Sodium Chloride contamination from seawater.

FAST OnBoard features by application

Application	Water	Base Number	Insolubles	Viscosity	Salt Water
New diesel engine oil	✓	✓	✓	✓	
Used diesel engine oil	✓	✓	✓	✓	✓
Cylinder/Scrapedown oil	✓	✓			✓
Hydraulic oil	✓			✓	
Gear oil	✓			✓	
Greases	✓				
Compressor oil	✓		✓	✓	
Turbine oil	✓			✓	
Heavy fuel oil (HFO)	✓			✓	✓
Marine gas oil (MGO)	✓				✓
Diesel fuel	✓		✓		✓

Benefits of FAST OnBoard

- Portable, lightweight, robust kit
- Fast and easy to use
- Suitable for lubricants, hydraulic, gear, compressor and fuel oils
- Immediate test results, no 'lab lag'
- Continuity in sampling and testing regime
- Key oil parameters monitored
- Non-hazardous reagents
- Supplied with full instruction manual
- Allows the user to monitor trends
- Greater optimization when used alongside DOT.FAST®



Why should you use FAST OnBoard?

- Identifies the earliest onset of change in the condition of your asset
- Allows engineers to take immediate action depending on results
- Enables identification and use of correct grades and types of oil
- Encourages a monitoring culture on-board vessels
- Regular testing of critical operating equipment saves costs

Protect vital equipment with FAST™ services

DOT.FAST® — The essential market-leading onboard drip oil analysis service

FAST™ — Comprehensive onshore fluid analysis and reporting from Chevron Marine Lubricants global laboratories

XLI Portable Refractometer — Quickly identify the concentration of XLI Cooling Water Treatment in your cooling system



For more information, contact your Chevron Marine Lubricants representative or visit chevronmarineproducts.com