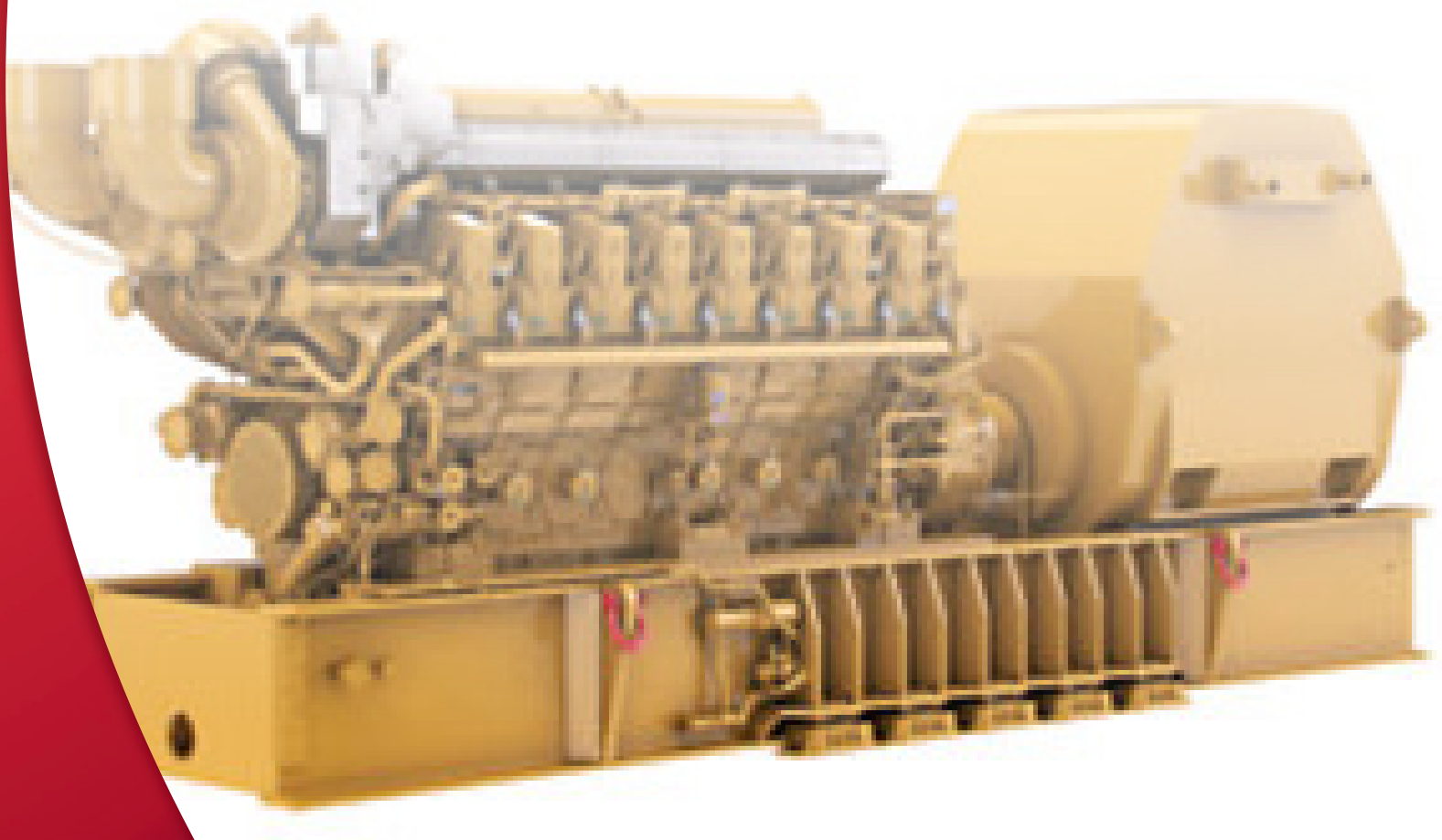
Predictive Technology

CAT Certification Package

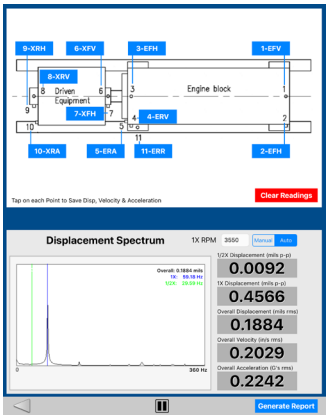


OVERVIEW

This package includes both a custom-made Caterpillar certified app that conducts engine vibration tests, and crankshaft deflection tests and a laser shaft alignment system for the iPad. The vibration test collects, in real time, the Overall RMS Vibration (Acceleration, Velocity and Displacement). Real time vibration spectrum is also displayed.

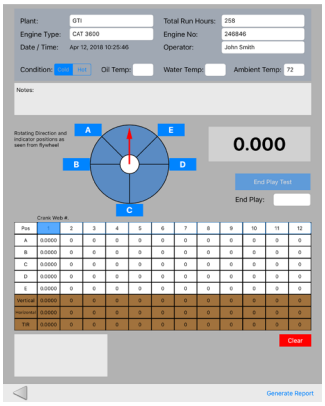
VIBRATION TEST FEATURES

- Real-Time Overall RMS Values
- Vibration Signal spectrum/Waveform
- Vibration In Velocity (ips or mm/s) Or Accekeration (G's)
- User Can Select From Different Industrial Severity Standards
- User Can Define Customized Alarm And Danger Values



CRANKSHAFT DEFLECTION TEST FEATURES

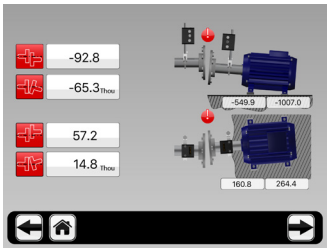
- Wireless sensor connectivity
- Test information editing
- Sensor measuring crankshaft rotating angle and indicator showing test positions
- Crankshaft end play test included
- No magnet mount required
- Auto calculating vertical and horizontal deflections



A report is generated after each test. Reports include engine information, measurement values, data plots, note, signature, and location information. The report manager provides quick access to saved reports. External reports can also be imported from other apps.

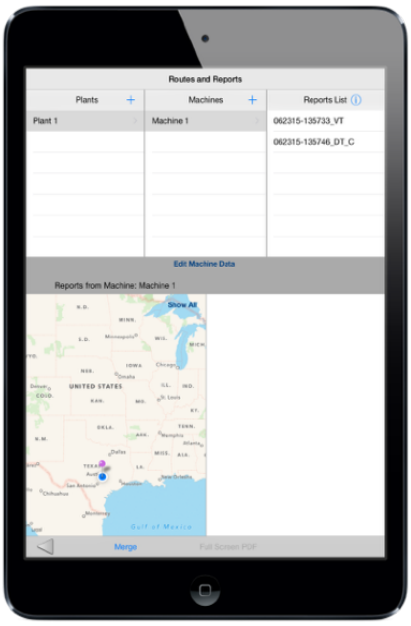
GTI ALIGNPRO

is a rugged, reliable and repeatable shaft alignment solution. Designed to operate on the iPad platform, this new offering from GTI Predictive Technology is the perfect addition to any VibePro or reliability maintenance program. GTI AlignPro offers an innovative, step-by-step, responsive interface with live moves, 3D-animations and wide touch screen which simplifies the alignment process and reduces the time it takes to complete each alignment.



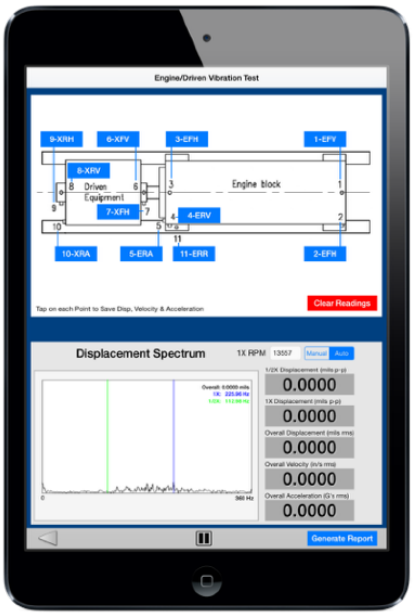
APPLICATION GALLERY

LAUNCH SCREEN



ROUTE AND REPORT MANAGER VIEW

CRANKSHAFT DEFLECTION TEST



ENGINE VIBRATION TEST

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