



OREFLOW
AUSTRALIA



TANDELTA
Oil Condition Monitoring



Intelligent Monitoring & Maintenance Systems

Real time oil analysis systems for commercial and industrial equipment.



Official Distribution Partner of Tan Delta Systems PLC

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A family
owned
Australian
business



Why Tan Delta?



Extend Oil Use

Stop throwing away good oil with many hours of useful life remaining. Tan Delta tells you when oil is at the end of its working life.



Reduce Maintenance

Oil condition correlates with equipment health and maintenance status - this enables you to pinpoint when equipment needs maintenance instead of fixed time based schedules.



Reduce Breakdowns

Detect potential issues at early stage and undertake preventative action before expensive damage or breakdowns.

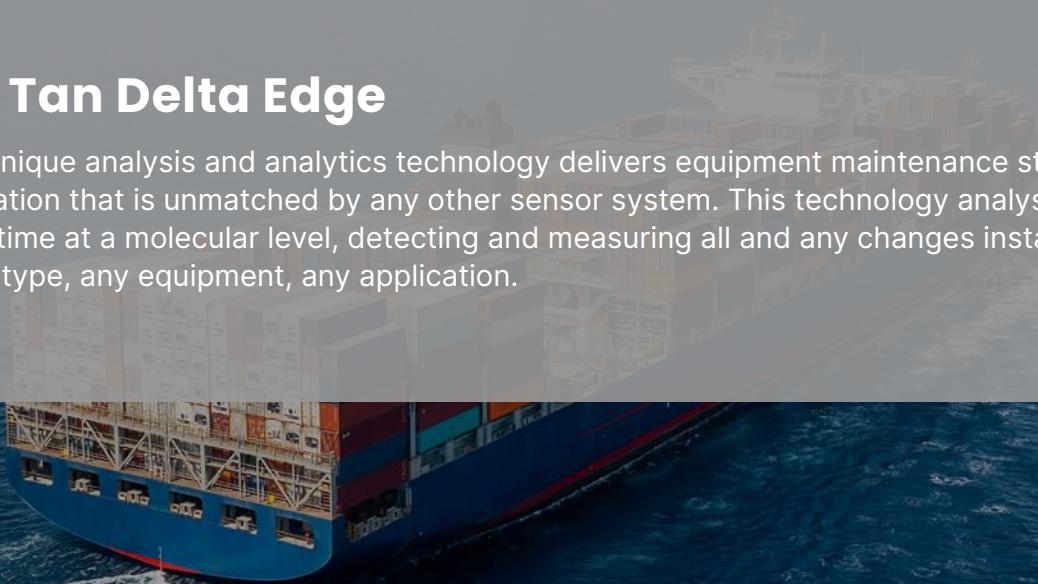


Detect Contamination

Instantly detect any contamination which would otherwise lead to substantial issues and costs.

The Tan Delta Edge

Their unique analysis and analytics technology delivers equipment maintenance status information that is unmatched by any other sensor system. This technology analyses oil in real time at a molecular level, detecting and measuring all and any changes instantly - any oil type, any equipment, any application.



How it Works

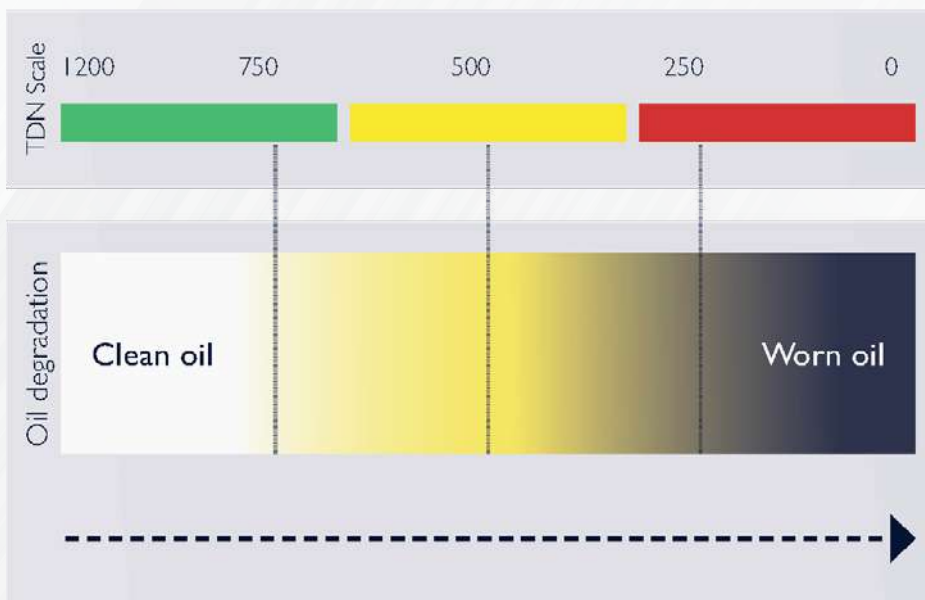
As equipment operates, the electromechanical properties of the oil in use change. These changes are due to a variety of factors which will occur as the oil is used and ages.

An unexpected degradation in oil quality can also be caused by contamination or accelerated wear, which reduces the oil's effectiveness and increases the risk of equipment damage.

Tan Delta's unique FSH core technology continuously analyses the electro-chemical properties of oil at a molecular level to an accuracy of 99.99%. All and any changes, irrespective of the cause, are instantly detected, characterised and delivered to you as simple, easy to use, and actionable information.

Tan Delta Number (TDN) Scale

Tan Delta's sensor provides a simple TDN reading for oil condition.



Oil condition changes are accurately tracked and reported via a TDN. Real time analytics provides a deep insight and early detection of issues, predicting optimal maintenance and reducing waste.

Reduce cost, quickly and simply with real time oil analysis

Easily installed on any equipment operating in any application and environment. These systems enable you to immediately reduce oil use and waste, schedule maintenance according to real equipment status, and detect unseen issues before damage occurs.

Tan Delta's Solutions

Sensors

Standard



OQSx-G2

Real-time condition analysis sensor with integrated intelligent equipment maintenance optimisation analytics for all applications.

Hazardous



OQSx-G2 HAZ

Real-time condition analysis sensor certified for use in CID2 and ATEX Zone 2 hazardous areas.

Kits

Mobile Oil Tester (MOT) Kit



Instant oil sample analysis and equipment maintenance status insight. Perfect for field service engineers and workshops.

SENSE-2 Display Kit



Continuous oil analysis and equipment maintenance status monitoring and alerts. Easily retro-fits to any equipment.

SENSE-1 Sensor Kit



Kits includes OQSx-G2 sensor and configuration cable for programming the sensor for target oil and application.

SENSE-3 Gateway Kit



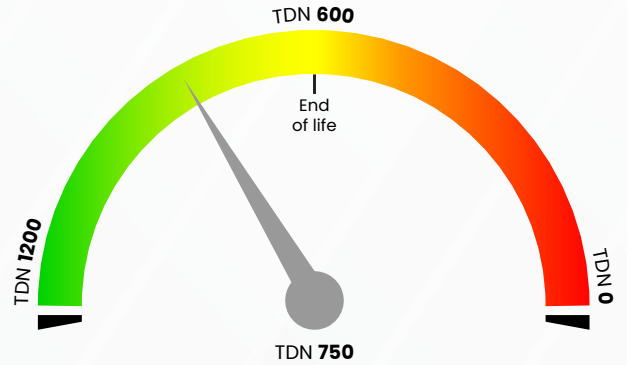
Gateway solution that integrates with Tan Delta sensors and enables data streaming to any online M2M/IoT monitoring system.

See it in Action

Equipment maintenance and health correlates to oil condition. Tan Delta's real time oil analysis provides you with the facts to optimise and reduce maintenance costs. Any equipment, using any oil type, working in any environment.



OQsx-G2
Oil Analysis Sensor



Tracks oil and equipment maintenance status in real time - simple scale read out.





Choose Intelligent Monitoring & Maintenance Systems

Our team is here to help you optimise your oil monitoring and maintenance processes. Contact us to learn how Tan Delta's industry leading solutions extend oil life, reduce maintenance, and prevent breakdowns!



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