

# TANDELTA

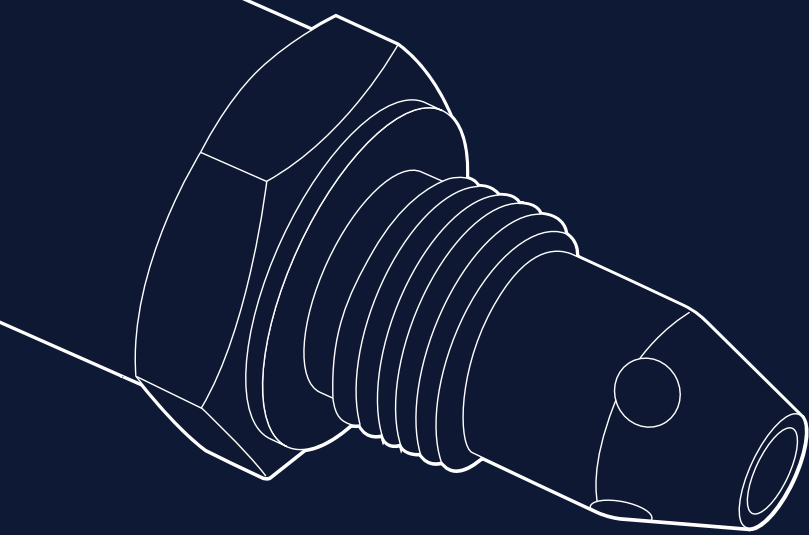
Oil Condition Monitoring



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Real-time oil condition monitoring  
& management systems

[www.tandeltasystems.com](http://www.tandeltasystems.com)



# The world leader in oil condition monitoring & management systems

Tan Delta Systems Limited provide products and systems which enable equipment operators to significantly reduce operating costs whilst simultaneously increasing productivity.

We understand how important optimal oil management is to the efficient operation of most equipment and therefore the profitability of your business. Tan Delta oil condition monitoring tells you the exact condition of any oil to a high degree of accuracy – second by second – which enables the automatic notification and scheduling of optimal maintenance intervals based upon actual need. Whilst at the same time, it provides an early warning system for any unexpected issues which may lead to

premature equipment failure. Our solutions are engineered to be flexible, configurable and easy to fit to any equipment operating in any application and or environment.

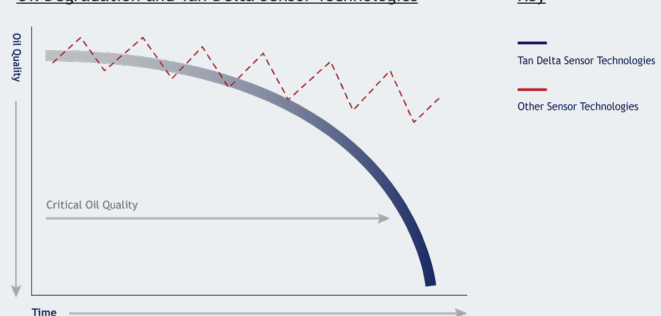
### Oil condition monitoring makes commercial sense

Optimal equipment operating costs and productivity drive your profitability. Oil condition monitoring is proven to significantly reduce equipment operating costs and increase productivity.

## TECHNOLOGY THAT MAKES A DIFFERENCE

Tan Delta's Full Spectrum Holistic (FSH™) technology delivers unmatched real time sensitivity to the smallest change in oil quality. Any wear or contamination is immediately detected and its effect on the oil quality quantified and reported. This exceptional performance allows very precise tracking of oil quality in any application in real time. Early detection of potential problems, accurate trend analysis and precise quality limits all become possible and practical with Tan Delta.

Oil Degradation and Tan Delta Sensor Technologies

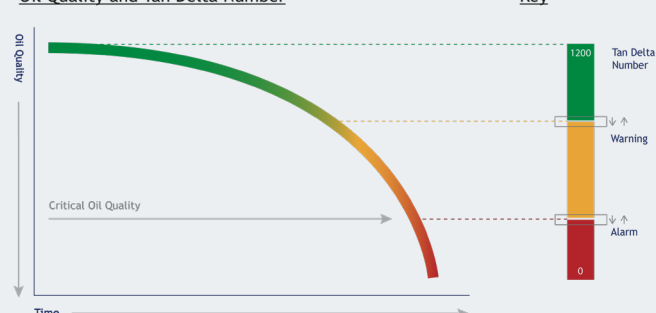


## TAN DELTA NUMBER (TDN)

### Simple and accurate

TDN is a proprietary scale which tells you the precise quality of your oil in a single number. This allows you to easily define clear, accurate and unambiguous trigger and alert levels relevant to your specific application and operating parameters.

Oil Quality and Tan Delta Number



Unexpected breakdowns are costly and disruptive

Sub-optimal maintenance scheduling and unexpected breakdowns reduces productivity

Reduce unexpected breakdowns through early detection and controlled resolution of issues

Extended, optimal maintenance intervals, and reduced break downs equals increased productivity

Traditional Time Based Servicing

Tan Delta Based Servicing

## Maximise equipment productivity

Tan Delta oil condition monitoring enables your equipment to run harder for longer through optimal 'need' based maintenance scheduling.

### ➔ MULTIPLE BENEFITS

Average investment pay back of under 6 months.

- ➔ Up to 50% less servicing
- ➔ Reduce day to day costs
- ➔ Reduce equipment down time
- ➔ Reduce equipment failures
- Increase equipment productivity
- Reduce oil consumption and your carbon foot print – benefit the environment
- Reduce fuel consumption
- Reduce equipment wear
- Extend equipment life
- Maintenance audit trail
- Detect potential issues early before equipment is damaged and unexpectedly fails
- Improve maintenance planning

### ➔ TAN DELTA QUALITY

Certified performance you can trust

Tan Delta products deliver exceptional performance and accuracy, which is independently certified by the world's leading test laboratories.

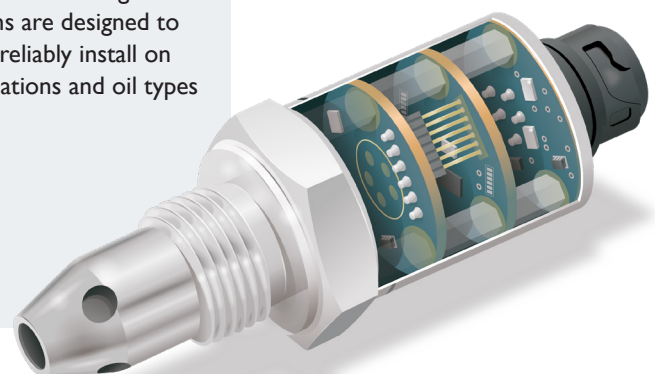
Engineered to last

Tan Delta products are engineered and manufactured to the highest international quality standards. Our products will continuously operate reliably for many years in the harshest industrial and commercial environment.

Easy to implement

Tan Delta oil condition monitoring products and solutions are designed to be quick and easy to reliably install on any equipment, applications and oil types including:

- Engines
- Gear boxes
- Transformers



“We reduced costs & improved cash flow thanks to Tan Delta”

Operations Director

## COMPANY OVERVIEW

Tan Delta Systems Limited is a global leader in the development and supply of advanced oil condition monitoring technologies, products and systems.

Over ten years of continuous technology and product development coupled with hundreds of man years of field experience and accumulated knowledge has endowed Tan Delta products with unique monitoring attributes. The sophistication, performance and quality engineering of our products reflect this unique knowledge base.

Today our products are trusted by the world's leading industrial and commercial companies to monitor oil condition in real time across a broad variety of applications, helping them optimise equipment productivity and reduce operating costs.

Keeping our customers competitive through leading edge oil condition monitoring solutions that reduce costs and increase productivity...



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