Enhanced Plannig

Accurately predict future maintenance and streamline and reduce associated costs.

Improved Safety

Ensures your equipment is in optimal condition making a safer working environment.

Lower Operating Costs

Avoid unnecessary oil waste by only changing oil which needs to be changed.

Optimise Service Intervals

Optimise service intervals without risking equipment performance and reliability.

Peace of mind

Knowing that your critical equipment is being monitored 24 hours a day, 365 days a year..

OQDe EXPRESS KIT

Product overview

Combined Oil Quality Sensor and OQD Express Display Kit. Everything you need for a
single installation using the Oil Quality Sensor (OQSx) and the OQD Express (OQDe)
display. The kit includes a single OQSx sensor and a single OQDe display with all of the
necessary cables for configuration and installation. Robust and easy to install, the OQSx
and OQDe are the perfect partnership.

Specifications

Physical - Display
Material: Plastic housing with rubber frame
Dimensions: 142mm x 98mm x 43.2mm
Weight: 275g

Physical - Sensor
Mater
ial: Stainless Steel AISI304
Dimensions: 90mm x 37mm (L x W)
Weight: 160g
Thread: 1/2'' BSPP Thread / M32 Hex thread
Seal: DIN 3869 Viton Seal

Electrical
Power Supply: 9-30 V DC
Power Consumption: Average at 13.5V DC: On = 430mA,
Low-Power = 160mA, Sleep = 90mA, Off = 0

Data Output/Input
CAN 2.0 B Active
RS432

Environmental
Operating Temperature: -30°C (-22°F) to +65°C (+149°F)

Display
Oil Quality (Tan Delta Number)
Oil Temperature
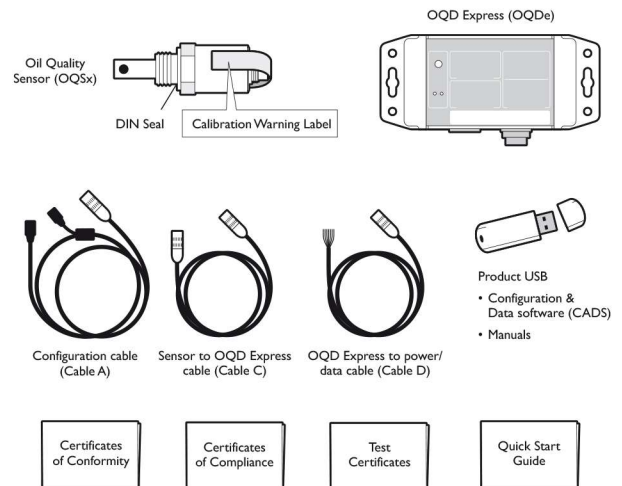Rate of Change (Condition/-Time)
Status Indicator

Standards and Certification
Water & Dust:
BS EN 60529:1992+A2:2013
IP67 when connected

Shock & Vibration:
ISO 16750-3: Road
ISO 15003: Agricultural En-gineering
Mechanical Shock: Level 2
Random Vibration: Level 2
Sinusoidal Vibration: Level 2
EMC:
EU Directive 2004/108/EC
EN 12895
EN 13309
EN ISO 14982

Whats in the box

Oil Quality Sensor (OQSx)
DIN Seal   Calibration Warning Label

OQD Express (OQDe)

Configuration cable (Cable A)
Sensor to OQD Express cable (Cable C)
OQD Express to power/data cable (Cable D)

Product USB
• Configuration & Data software (CADS)
• Manuals

Certificates of Conformity
Certificates of Compliance
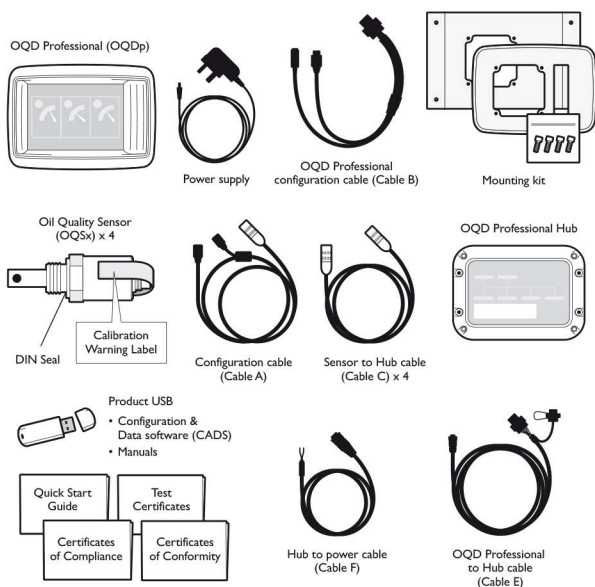Test Certificates
Quick Start Guide

Product overview

OQD Professional Display and Four Oil Quality Sensors Bundle A complete kit which enables the quick and simple installation of the OQD Professional (OQDp)display and four Oil Quality Sensors (OQSx). The kit includes all of the necessary cables for configuration and installation including the robust OQD Professional Hub. The OQD Professional kit is ideal for applications which require multiple sensors.

OQDp PROFESSIONAL KIT

Whats in the box

OQD Professional (OQDp)

Power supply

OQD Professional configuration cable (Cable B)

Mounting kit

Oil Quality Sensor (OQSx) x 4

OQD Professional Hub

DIN Seal

Calibration Warning Label

Configuration cable (Cable A)

Sensor to Hub cable (Cable C) x 4

Product USB
• Configuration & Data software (CADS)
• Manuals

Quick Start Guide

Test Certificates

Certificates of Compliance

Certificates of Conformity

Hub to power cable (Cable F)

OQD Professional to Hub cable (Cable E)

Specifications

Physical - Display
Material: Plastic housing with rubber frame
Dimensions: 142mm x 98mm x 43.2mm
Weight: 275g

Physical - Sensor
Material: Stainless Steel AISI304
Dimensions: 90mm x 37mm
Weight: 160g
Thread: 1/2" BSPP Thread / M32 Hex thread
Seal: DIN 3869 Viton Seal

Electrical
Power Supply: 9-30 V DC
Power Consumption: Average at 13.5V DC: On = 430mA,
Low-Power = 160mA, Sleep = 90mA, Off = 0
Data Output/Input
CAN 2.0 B Active
RS432

Environmental
Operating Temperature: -30°C (-22°F) to +65°C (+149°F)

Display
TFT Colour Graphic LCD with LED backlight
Dimensions: 4.3", 95mm x 53mm

Resolution: 480 x 272 px, WQVGA, 15:9
Colours: 65k

Measuring Range
Temperature: -20°C (-4°F) to +120°C (+248°F)
Tan Delta Number: 1200 to 0
Rate of Change: Oil Condition/Time

Standards and Certification
Water & Dust:
IP 6k5 according to ISO 20653
Shock & Vibration:
ISO 16750-3:
ISO 15003:
Mechanical Shock vibration- Level 2
EMC:
EU Directive 2004/108/EC (According to EN 12895)
EN 13309
EN ISO 14982
E1 - Type approval:
EU Directive ECE R 10.4

Key product features

Industrial Quality
Sensor, display and hub all IP67 rated making them suitable for installation in any harsh commercial or industrial environment.

Informative
6" high resolution tough, touch screen provides clear display of data.

Intuitive Functionality
Simple touch screen menu system makes accessing functionality, such as rate of change graphs and alert configuration straight forward.

Proven Performance
Independently certified for accuracy, sensitivity and reliability. Actionable data you can trust.

Easy to Install
The OQD Professional Kit has everything you need for a quick and simple installation on almost any equipment and on virtually any application.

Advanced Technology
Patented core technology delivers exceptional sensitivity to oil condition changes caused by both wear and contamination.