

KYTOLA® OILCOL Oil Color Analyzer is an online instrument based on visible light absorbance (transmittance) to indicate the ASTM D1500 color value of oil.



OIL COLOR ANALYZER OILCOL

- Online oil color analyzer
- ASTM D1500 scale from 0.5 to 8.0
- Display resolution 0.1
- Accuracy ± 0.3 (as the ASTM scale step is 0.5)
- Online measurement with a response time of 4 s
- Easy to install
- Sturdy construction
- Serial connection (Modbus)
- 4 – 20 mA output

ISO 9001:2008 ISO 14001:2004

APPLICATIONS

Wide variety of liquid petroleum products:

Lubricating oils

Heating oils

Diesel fuel oils

Mineral insulating oils

Hydraulic oils

INDUSTRIES

Where it is essential to know the ASTM color of oil:

Petrochemical industry

Offshore and marine

Pulp and paper

Steel mills

Mining

Power plants

| Model | OILCOL |
|-----------------------------|---|
| Measuring range | ASTM D1500 scale from 0.5 to 8.0 |
| Accuracy | ±0.3 (as the ASTM D1500 scale step is 0.5) |
| Oil connections | 10 mm or 3/8" compression fitting |
| Air cooling connection | 8/6 mm (OD/ID) hose |
| Display | LED, 7 segments, 2 digits |
| Max pressure | 20 bar |
| Oil purity classification | 16/13, ISO 4406 |
| Oil viscosity range | 0—500 cSt |
| Oil and ambient temperature | −20°C...+60°C (−20°C...+70°C with cooling option) |
| Communication | Modbus RTU (RS485) |
| Supply voltage | 24 VDC |
| Supply current | 0.1 A max |
| Current output | 4—20 mA |
| Enclosure | Aluminium |
| IP Class | IP65 |
| Weight | 1.95 kg |

OILCOL-

Connections

10 mm OD compression fitting
3/8" OD compression fitting

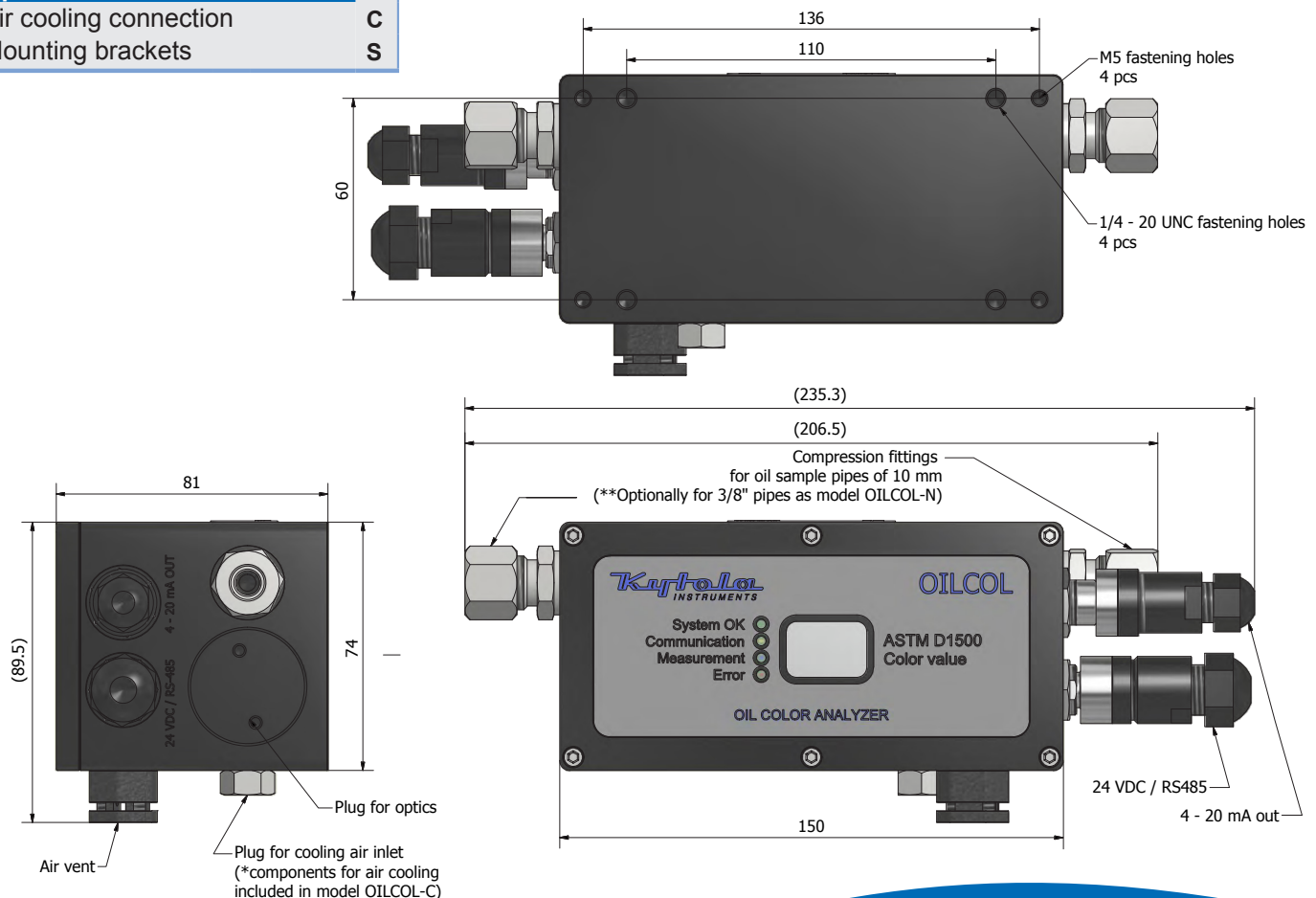
N

Options

Air cooling connection
Mounting brackets

C

S



KYTOLA® OILAN A4 is an online oil water content analyzer which instantly shows changes in the lubrication oil water content. It is an excellent instrument for supporting preventative maintenance.

OILAN A4 detects water leaks in their early stages and helps to prevent expensive failures and down time of the lubricated machinery and equipment.



- Measures the absolute water content in oil (ppm)
- For mineral oils as well as some synthetic oils
- Ranges up to 5 000 or 20 000 ppm
- Accuracy ± 30 ppm
- Easy to install by quick connect couplings

WATER IN OIL ANALYZER **OILAN A4**

FEATURES

- Online measurement
- Serial communication with upper level systems
- 4—20 mA output
- Alarm relay
- Monitoring and calibration with Kytola software

TYPICAL APPLICATIONS

- Paper machine oil lubrication systems
- Ship propulsion systems
- Oil rig propulsion systems
- Steel mills
- Mining

| Model | OILAN A4 |
|---------------------------|---|
| Maximum range | 0—5000 ppm (0—20000 ppm on request) |
| Accuracy | ± 30 ppm within calibrated measuring range and under calibration conditions |
| Ambient temperature | +5 — +60°C |
| Oil sample temperature | +5 — +60°C |
| Oil connection | BSP or NPS 1/4" |
| Oil purity classification | 16/13, ISO 4406 |
| Oil viscosity | 10—680 cSt |
| Oil sample pressure | 1—10 bar |
| Enclosure | Aluminium |
| Supply voltage | 24 VDC |
| Supply current | 1 A max |
| Current output | 4—20 mA |
| Alarm relay | NO (normally open) or NC (normally closed), selectable using software; max. 48 VDC /100 mA |
| Communication | Modbus RTU (RS485) |
| IP Class | IP 65 |
| Weight | 4.05 kg including hoses |

OILAN-A4-

Oil Connection

BSP 1/4" female adapter
NPS 1/4" female adapter

N

