

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 measurement
- ASTM D1500 scale from 0.5 to 8.0
- Display resolution 0.1
- Accuracy ± 0.3 (as the ASTM scale step is 0.5)
- Response time 4 s
- Easy to install
- Sturdy construction
- Serial connection (Modbus)
- 4 – 20 mA output

ISO 9001 ISO 14001

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	290 psi (20 bar)
Oil filtration recommendation	500 µm or better
Oil viscosity range	0—500 cSt
Oil and ambient temperature	-4°F...+140°F (-20°C...+60°C), -4°F...+158°F (-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	4.3 lbs (1.95 kg)

OILCOL-

Connections

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

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Options

Air cooling connection
Mounting brackets

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S

NOTE:

Measurements in the drawings in this datasheet are in inches (and millimeters) if not stated otherwise.

