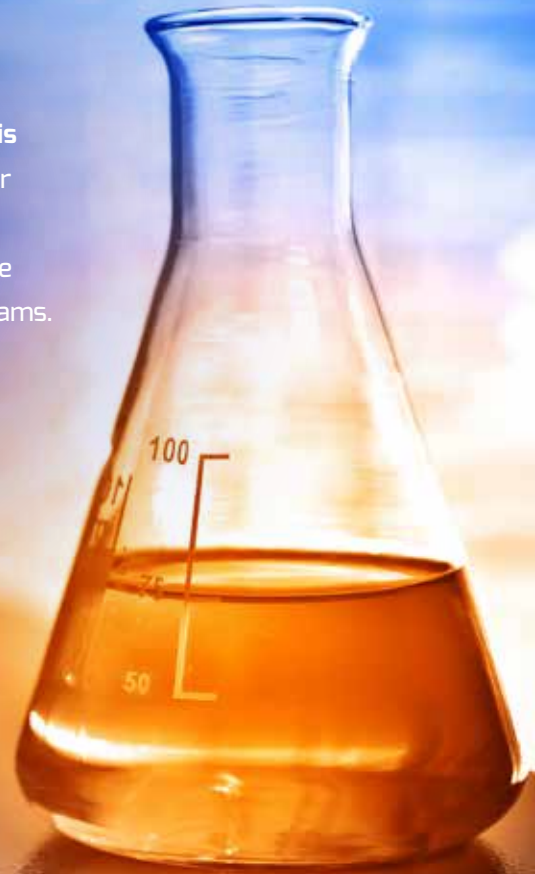




LUBE MONITOR used oil analysis whilst in service to provide user friendly and swift reports to support preventive maintenance and condition monitoring programs.



**GLOBAL
SOLUTION**

**TO LUBRICATION
PERFORMANCE**



**COCKETT
MARINE OIL**
www.cockettgroup.com



CUSTOMER CARE

COCKETT LUBRICANTS

A world of solutions



RECEIVE ALERTS WHEN PREVENTIVE MAINTENANCE IS REQUIRED

- With the most extensive results data base and using most modern testing methodology to analyse the vessels lubricants in service, LUBE MONITOR supports your maintenance programs and generates savings by helping to prevent costly corrective maintenance actions.
- Nowadays ship owners and ship managers have multiple targets from budget cost efficiency to condition monitoring and aim to prevent any possible costly down time. While vessels maintenance is always a priority, anticipating possible failures while acting right on time can be a daily challenge.
- LUBE MONITOR, developed by Cockett Lubricants, combines years of experience in vessel operations and in-depth lubrication expertise. This integrated service meets even the most comprehensive requirements in today's maritime business.

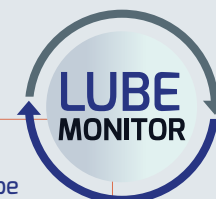
WHY LUBE MONITOR?

In cooperation with one of the most well reputed and experienced marine laboratory COCKETT LUBRICANTS has created a holistic analysis service that enables you to:

- LUBE MONITOR CLASSIC: Check the condition of your oil in service and receive alerts and recommendations to reach optimal lubrication and determine preventive maintenance actions
- LUBE MONITOR COLD CORROSION MONITORING (CCMS): User friendly, flexible and reliable CCMS is designed to perform trend analysis, anticipate and control cold corrosion in modern 2-strokes slow speed marine engines. This fast laboratory based program can easily be combined with LUBE MONITOR CLASSIC, using the specific labels and manuals included in all LUBE MONITOR SAMPLE KITS.

LUBE MONITOR WEBSITE

- LUBE MONITOR website enables you to quickly share information, tasks and assignments between fleet superintendents and on-board crews. Vessels Groups in the data base can be configured according to your company specific requirements for easy convenience of your technical teams on board and on shore.



**EXHAUSTIVE TESTING, RIGOROUS METHODOLOGY,
FIRST-CLASS LABORATORY EQUIPMENT.**

LABORATORY TEST	UNITS	TEST METHOD	MACHINERY SYSTEM
Kinematic Viscosity @ 40°C	cSts	IP71	ALL
Kinematic Viscosity @ 100°C	cSts	IP71	ALL
Water	% Volume	In House	ALL
Soot/Insolubles	% Weight	FTIR	Engine
Flashpoint	°Celsius	IP35	Engine
Acid Number	mgKOH/g	IP139	Non Engine
Base Number	mgKOH/g	IP276	Engine
ISO code	4/6/14 µms	ISO4406	Hydraulic
PQ index	/2ml	PQ Analox	Engine & Gearbox
Barium	ppm	ICP D5185	ALL
Calcium	ppm	ICP D5185	ALL
Magnesium	ppm	ICP D5185	ALL
Phosphorus	ppm	ICP D5185	ALL
Zinc	ppm	ICP D5185	ALL
Boron	ppm	ICP D5185	ALL
Sodium	ppm	ICP D5185	ALL
Silicon	ppm	ICP D5185	ALL
Lithium	ppm	ICP D5185	ALL
Aluminium	ppm	ICP D5185	ALL
Chromium	ppm	ICP D5185	ALL
Copper	ppm	ICP D5185	ALL
Iron	ppm	ICP D5185	ALL
Lead	ppm	ICP D5185	ALL
Tin	ppm	ICP D5185	ALL
Molybdenum	ppm	ICP D5185	ALL
Nickel	ppm	ICP D5185	ALL
Titanium	ppm	ICP D5185	ALL
Silver	ppm	ICP D5185	ALL
Manganese	ppm	ICP D5185	ALL
Vanadium	ppm	ICP D5185	Engine



LUBE MONITOR:

SIMPLE STEPS AND USER-FRIENDLY PROCESS:

- Order your LUBE MONITOR sample kits from your dedicated COCKETT Lubricants executive.
- Pick up your LUBE MONITOR sample kit from your Agents at next port of call.
- Prepare your samples according to your requirements either Classic Analysis or CCMS service and label them carefully, using the specific labels included.
- Send the samples to the LUBE MONITOR laboratory using the DHL prepaid airway bill and envelope.
- At the LUBE MONITOR Laboratory, expert Marine Engineers analyse the samples.
- Use your personal ID and Password to open your vessel file on the LUBE MONITOR website and consult your latest reports and LUBE MONITOR Marine Experts recommendations.
- Study your vessel historical trend in the LUBE MONITOR data base to determine your condition monitoring program.
- Benefit from our Marine Technical Experts advice at each step.

Cockett Palm Beach

Suite 705, 500 Australian Avenue
South, West Palm Beach
Florida, USA, 33401
Tel: +15 61 775 6666
Email: usaenquiries@cockett.com

Cockett Brazil

Rua Do Carmo, 57 - 6 AndarCentro
Rio de Janeiro / RJ
Cep: 20 011 020
Tel: +55 21 2223 2359
Email: brazil@cockett.com

Cockett UK

Suite 19, Swan Court, 9 Tanner
Street London, SE1 3LE
Tel: +44 203 893 7600
Email: uk@cockett.com

Cockett Netherlands

Oostplein 426, 7th floor
3061 CH, Rotterdam
The Netherlands
Tel: +31 10 261 7060
Email: rotterdam@cockett.com

Cockett South Africa

Unit 1, Ground Floor, Northbank
No 1 Northbank Lane
Century City, 7441
Cape Town, South Africa
Tel: +27 21 551 1888
Email: enquiries.sa@cockett.com

Cockett Greece

1st Floor, 23, Vouliagmenis Avenue
& Tzavella Street, 16675
Glyfada, Athens, Greece
Tel: +30 213 0333 001
Email: athens@cockett.com

Cockett Ukraine (Representative Office)

AP 44, 24 Chernyakhovskogo Street
65009 Odessa, Ukraine
Tel: +38 48 704 5540
Email: bunkers@cockett.com.ua

Cockett Turkey

Akasya Acibadem Sitesi Kent Yatay
Blok B2, No 70
Ankara Asfalt Yolu 4.Km Cecen Sokak
Acibadem Uskudar Istanbul
Post Code 34660
Tel: +90 216 504 0650
Email: turkey@cockett.com

Cockett Dubai Head Office

Office 2801-2809, 28th Floor
Jumeirah Bay X3, Jumeirah Lakes Towers
PO Box 625751, Dubai, UAE
Tel: +971 4 4255 110
Email: dubai@cockett.com

Cockett India

Cockett Marine Oil Trading Private Limited
#509, 05th Floor, Powai Plaza
Adishankaracharya Marg, Hiranandani
Gardens, Powai, Mumbai 400076, India
Tel: +91 226 2599 700
Email: india@cockett.com

Cockett Singapore

1 Maritime Square #09-26
HarbourFront Centre
Singapore, 099253
Tel: +65 6732 2225
Email: singapore@cockett.com

Cockett Australia

Suite 7, 448 Roberts Road
Subiaco WA 6008
Tel: +61 8 9381 3233
Email: australia@cockett.com

Cockett China

Unit 1101, Building L
Poly Greenland Plaza, No. 589
Tong Bei Road, Yang Pu District
Shanghai, China, 200082
Tel: +86 21 5081 6933
Email: shanghai@cockett.com

Cockett Hong Kong

Room 501, 5th Floor, East Town Building
No. 41 Lockhart Road
Wan Chai, Hong Kong
Tel: +852 2111 9939
Email: hongkong@cockett.com

Cockett Korea

Royal Building, Room 802
19 Saemunan-ro 5gil
Jongno-gu, Seoul 110-071, Korea
Tel: +82 2 730 1890
Email: korea@cockett.com

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lubes@cockett.com



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