



# DIGI Water Kit EasySHIP

## Oil Analysis Kit - Fuel, Hydraulic and Lube Oils

### Product Sheet

#### APPLICATION

The CJC™ DIGI Water Kit EasySHIP is an oil analysis kit used for measuring and monitoring the **water in oil content** for industry, marine and off-shore equipment such as diesel engines, gear boxes, compressors, hydraulics and turbines.

The CJC™ DIGI Water Kit EasySHIP is used extensively on oil types such as fuel, hydraulic and lube oil.

#### PROBLEMS IN OIL

Water in oil can result in problems such as corrosion on metal surfaces and attack on bearings, instability of additives, form emulsions and cavitation.

#### FUNCTION

The CJC™ DIGI Water Kit EasySHIP is specially provided for **on-site** analysis, which gives an easy and quick measurement of water content in the oil.

An oil sample is taken from the system, entered into the DIGI Cell and mixed with reagents. The DIGI Cell is shaken for 3 min. and the result is shown on the graphic display of the DIGI Cell.

- Test time:** 3 min.  
**Nos. of tests:** 50  
**Feature:** Built-in memory for recording previous test result.

#### REAGENTS & SPARES

The DIGI Water Kit EasySHIP uses chemical reagents to test the oil. A standard reagent pack can be ordered as refill.



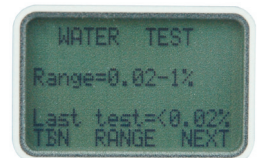
*The Oil Analysis Kit*  
**CJC™ DIGI Water Kit EasySHIP**

Contains the DIGI Cell, Reagents, Spare Parts and Instruction Manual.



#### *The DIGI Cell*

- *The DIGI Cell is used to monitor water in oil*
- *Shows the results on the graphic display*
- *Offers on-screen user guide*



#### TECHNICAL DATA

	RANGE	ACCURACY
Water	0.02 - 1%, 200 - 10,000 ppm, 0-10%, 0-20%	Typically ± (1000 ppm) or ± 1% (on 0-10% range)



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#### CONTENT IN SUITCASE

##### DIGI Water Kit EasySHIP

Reagent A	500 ml
EasySHIP Water in Oil Test Reagent	50 sachets
DIGI Cell	
Agitators	plastic rings for Cell, 3 off
Syringes	disposable 5 ml
Scissors	stainless steel, blue
Tweezer	disposable 3.5 IN
Plastic gloves	disposable pack
Plastic beaker	100 ml
DIGI instr. manual	
Aluminium case	small

#### PRODUCT SAFETY SHEET

##### Read this BEFORE you use the Equipment

Please ensure:

- The operator has read and understood the instruction manual.
- If the equipment is connected to a main power supply, ensure that the equipment is properly earthed and the correct supply voltage used.
- The working area is well ventilated and illuminated.
- The equipment is not subjected to damp or liquid spray.
- The equipment is never used in a hazardous environment.
- The operator has read and understood all Materials Safety Data Sheets before use (please see instruction manual), and is fully familiar with any hazards and necessary precautions.
- All reagents are sealed tightly after use and cannot leak.
- All equipment is emptied of reagents and oil after use and thoroughly cleaned.
- Equipment is only used for its intended use, using it any other way may impair any safety protection.
- No smoking during use of the equipment or when handling any of the reagents.
- Use protective goggles and gloves.

##### Use of Pressure Cells

Some tests require the use of pressure cells. They are safety tested at pressures 10 times normal use.

- Do not exceed the recommended volumes of reagents or test oils in the cell.
- The cell is designed to gently vent excess pressure when opened. Hold the cell upright, away from the body and slacken the cap slowly to release the pressure and prevent any liquid being sprayed out.