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EasySHIP DIGI+ Field Kit



ENGINEERING YOUR SUCCESS.

DIGI Field Kit

A low cost kit allowing multiple oil parameters to be measured in the field including:

Viscosity

The ECON Viscostick gives a simple go / no-go result. Typically it will detect 5-10% distillate fuel dilution of an SAE 30 to 40 engine oil as well as increases in viscosity due to oil contamination.

Total Acid Number (TAN)

Testing for TAN is essential to maintain and protect your equipment, preventing damage in advance.

Measure both the weak organic and strong inorganic acids present within an oil with the Parker Kittiwake TAN Test. A rise in TAN is indicative of oil oxidation due to time or operating temperature.

- Test kit is supplied with up to fifty tests, enabling you monitor TAN level trends.
- Simple to use drop test - the result is shown by a colour change, providing you with easy to interpret results, suitable for use by non-technical personnel.

Insolubles

Monitor combustion related debris and oxidation products.

High insolubles will cause lacquer formation on hot surfaces, sticking of piston rings and wear of cylinder liner and bearing surfaces. The detergent property of the oil will also decrease, speeding further deterioration.

- Detect insolubles from diesel engine combustion products such as fuel ash, carbon, partially oxidised fuel, oil oxidation products and spent lubricant additive.
- Simple and quick to use, the Insolubles tests available give you actionable results, helping prevent engine damage.

Water in Oil

Maintain and protect your equipment, whilst eliminating damage caused by water in your oil.

The DIGI Water in Oil Test Kit provides state of the art, digital analysis and gives fast, accurate results for easy monitoring of trends.

- Prevent corrosion, cavitation or failure of your machinery by detecting water in oil, before any damage occurs.
- Minimise instability of additive packages and damaging microbe growth by monitoring your oil.
- Fully portable for use on-board or in the field, test cells are extremely robust, durable and easy to use.

Base Number (BN)

The DIGI TBN Test Kit provides state of the art, digital analysis and gives fast, accurate results for in-depth monitoring of trends.

The ECON TBN Test Kit gives a rapid indication of TBN depletion in lubricants.


- Avoid fouling within the engine and corrosion of engine components by monitoring the Total Base Number (TBN) of your lubricating oils
- Simple, economical monitoring of lubricants

Reagents, Spares and Consumables

Parker Kittiwake test kits for individual parameters contain reagents, consumables and full instructions for multiple tests.

- Replacement reagents can be ordered at short notice.
- Kits contain all necessary equipment for instant test results in the field.
- Reagents are packed in accordance with IATA/IMDG/IRD Air/Marine/Road Transportation codes and can be delivered to major ports world-wide.

Ordering Information

DIGI+ Product Code	Description	Tests Included	Range
FG-K6-108-KW+ 	DIGI+ Field Kit	DIGI Combined Water in Oil/BN cell ECON Insolubles Test ECON Viscostick ECON AN Test	0.02-1.00%, 0.1-10%, 0.1-20%, 100-3,000 ppm, 200-10,000 ppm / 5-150 BN qualitative go/no go AN: 0-6

Part Number	Description	Items in Packs
FG-K24743-KW	ECON TAN Reagent Pack	25 packs
FG-K2-003-KW	Insolubles Reagent Pack	50 packs
FG-K2-101-KW	Water in Oil Reagent Pack	50 packs
FG-K2-002-KW	Total Base Number Reagent Pack	50 packs

Parker Kittiwake