

FUEL DIPSLIDES

DESIGNED TO ALERT SHIP OPERATORS OF MICROBIOLOGICAL CONTAMINATION IN MARINE BUNKER FUEL.

Intertek Lintec provides a range of services to the shipping community, including bunker quantity surveys and the laboratory analysis of bunker fuel samples and lubricants.



To complement this range of services, Intertek Lintec also offer on-board Test Kits designed to alert operators/owners to the microbiological contamination of marine bunker fuel by bacteria and fungi.

The slides are simple to use and require no laboratory experience.



In most cases, vessel operators only become aware of microbiological contamination of their fuel storage and distribution systems when they experience operational difficulties. By using Intertek Lintec dipslides on a routine basis, the ship operator can identify contamination before operational difficulties arise. Should microbiological contamination be detected, then Intertek Lintec would recommend further laboratory analysis to determine the extent of the problem.

Intertek Lintec can also offer consultancy services which include recommending a course of suitable remedial actions to eliminate contamination.

Safety

Do not open used dipslides. Inspect dipslides for contamination before use.

Storage

Store unused dipslides in a cool location (do not freeze). The dipslides have a shelf life of 7 months.

Instructions for use

Microbes are present in the aqueous phase of fuel, and any sample should be taken from a location likely to contain water – e.g. the bottom of a fuel tank.

1. Taking care not to touch the media surfaces, withdraw the dipslide from the container.
2. Dip into a recently collected sample of the fuel / fuel water mixture, or allow the media to run over both sides of the dipslide.
3. Remove the dipslide from the sample, and allow any excess to drain.
4. Return the dipslide to its container and push home firmly to seal.

5. Enter the sample location point and date of the sampling on the label provided.
6. Fix the label to the container.
7. Place the dipslide container in a warm location (up to 30°C) for 3 or 7 days before final examination - 3 days for bacteria; 7 days for fungi.
8. Compare any growth patterns observed with the charts provided. The brown side for fungi and the fawn side for bacteria.
9. Record the results.
10. Ensure the safe disposal by incineration or immersion of the dipslide in a disinfectant solution.

FOR MORE INFORMATION



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