Spinner II® Profit Builder No. 103

Helpful Sales Tools for Representatives of Spinner II Products

Xtreme Cleaning™

River Towboat Tests Oil-Cleaning Ability

Spinner II® CS System Proven Superior



Scenario



Towboat and ship propulsion systems in river and ocean service use thousands of gallons of engine lube oil and hundreds of disposable filters each year. Tough environmental regulations mandate special disposal procedures for used oil and spent lube filters, adding cost to routine engine maintenance.

A towboat operator on the Mississippi River was searching for a way to protect his engines and reduce overall maintenance costs.

Solution

The operator installed a Spinner II CS oil cleaning system on one of his engines to compare performance versus the original shipyard-installed, multi-element cellulose disposable lfull-flow filter on the other engine.

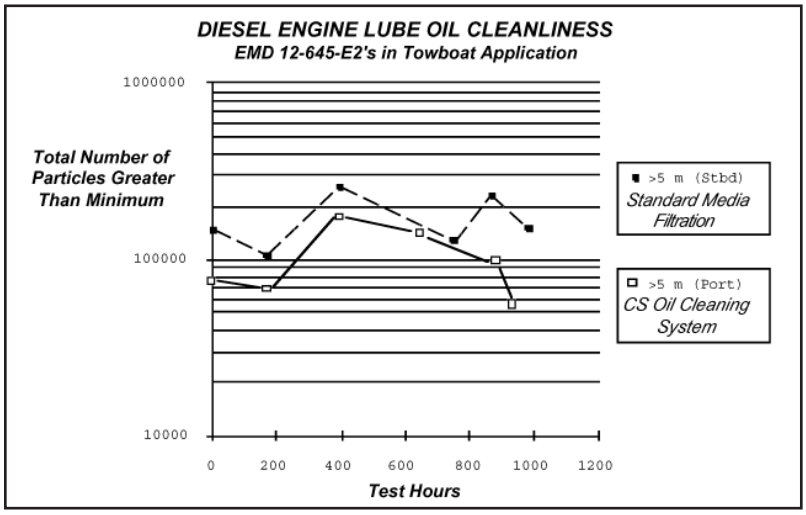


The Spinner II CS system removes fine abrasive contaminants that accelerate engine wear and reduces disposal costs.

Results

In a side-by-side comparison on two EMD 12-645 E2 diesel engines, the port engine was equipped with a Spinner II CS centrifuge/screen oil cleaning system and the starboard engine remained unmodified, with the OEM disposable full-flow filter. The engines were operated for 1,000 hours, with oil samples taken periodically throughout the testing period.

Size distribution counts (see graph below) on abrasive particles >5 microns in size from the samples taken prove how the oil/solid separating power of the centrifuge, coupled with the debris-trapping ability of the dutch weave full-flow CS screen, maintain significantly cleaner lube oil (40% better) than that possible with traditional media filtration. Even better, the Spinner II CS system reduces costs by eliminating the purchase and disposal of spent cellulose media full-flow filters.



SPINNER II® PRODUCTS

T.F. HUDGINS INCORPORATED

P.O. Box 920946
Houston, Texas 77292-0946
Toll-free: 800-231-SPIN (7746)
Tel: 713-682-3651
Fax: 713-682-9702
www.SpinnerII.com

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