

Trucking Company Reduces Oil & Filter Costs By 66%



Spinner II® Centrifuges Safely Extend Oil Drain Intervals

Scenario

A privately held Midwest trucking company provides contract hauling services throughout the region. Remaining competitive requires maximizing the utility of their assets, as well as reducing maintenance and operating costs.

To help achieve those goals, the company researched options for safely extending oil drain intervals and reducing wear on their heavy-duty diesel engines.

The company operates a fleet of 70 trucks, all equipped with Detroit Series 60 diesel engines. The typical trade cycle is four to five years, but some trucks remain in service longer.



Solution

The company evaluated a variety of bypass filtration systems. After comparing oil-cleaning effectiveness, as well as the cost and effort required for routine service of the systems, the company chose Spinner II oil-cleaning centrifuges.

The Spinner II centrifuge was found to be most effective at removing soot and other abrasive debris from the oil. Also, routine service of the Spinner II centrifuge was less expensive, since there are no replacement elements or cartridges to buy.

The company installed Spinner II Model 960 centrifuges, which process 120 gal/hr and store up to 900 cc of debris.



Results

With Spinner II centrifuges, the company safely extended oil drain intervals from 20,000 miles to 80,000 miles. Total costs for changing oil and filters decreased by 66%.

After six years of use, the company reports that minimizing engine wear not only has reduced maintenance costs during the service life of their engines, but has also improved the resale value of their used trucks.

The company is currently building new glider kits and will retrofit their trucks with Spinner II Model 560HE centrifuges. Spinner II Model 560HE centrifuges feature improved efficiency and convenient, disposable rotors.

*Questions about this centrifuge application?
Please contact Spinner II Products.*

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