Longtime Centrifuge User Meets Today's Challenges



Spinner II® Centrifuges Support Crown Disposal's 'Zero Waste' Strategy

Scenario



Over 20 years ago, Crown Disposal owner Tom Fry embraced an oil-cleaning technology that would continue to pay dividends in solving one of today's most pressing maintenance problems.

Based in Sun Valley, California, Crown Disposal collects refuse from residential, commercial, industrial and multi-family units. Unlike conventional waste hauling companies, however, Crown Disposal does not own a landfill. Instead, this environmentally directed company has developed innovative programs to eliminate waste by reclaiming and recycling. The goal, according to Mr. Fry, is to boost recycling rates and reduce waste to a minimum.

The drive for environmentally friendly, cost-effective solutions extends to fleet maintenance practices as well. That's why Crown launched a search for lube oil filtration technologies that could reduce abrasive particles and extend oil change intervals.



Solution

Following a search for filtration alternatives in the mid-1980's, Fry discovered Spinner II oil-cleaning centrifuges and conducted a field test. Impressed by the material collected in the centrifuge bowl and by oil analysis results, he authorized additional units to be fitted for further analysis. The Spinner II centrifuge was subsequently adopted fleet-wide and installed on Crown Disposal Front Loading Trash Trucks, Roll-offs and Highway Haul Trucks.

Today, all of Crown Disposal's applicable diesel engines have been retrofitted with Spinner II centrifuges. As a matter of practice, Spinner II centrifuges are installed on new equipment as it arrives in the shop.

Results

Crown Disposal has extended oil change intervals fleet-wide from 10,000 miles to 35,000 miles for 12 liter engines and 50,000 miles for 15 liter engines.

Spinner II centrifuges are also helping Crown Disposal address a more recent challenge – rising oil costs. By removing contaminants from the oil stream and maintaining the potency of additives, Spinner II centrifuges enable oil to safely remain in service longer – resulting in greater savings in oil, filters and associated labor.

Crown Disposal feels they have not yet reached their limit for oil change intervals. As oil prices climb and the company continues its mission to eliminate waste, plans are under way to stretch intervals to even greater lengths.

SPINNER II® PRODUCTS

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