



Oil Recycler Discovers Consistent Economical Treatment for Waste Oil

Problem

An oil reclaimer in Southern California was required by his buyers to produce a consistent product, used either as a bunker oil supplement or as a marine diesel fuel. Chemicals tested in the past were either unreliable or too expensive. The client also needed a demulsifier that would clean the oil to less than 2-3% BS&W within a few hours, not days.

Solution

RECOVEROL* ECO 9 was recommended for its proven ability to treat crankcase oil and fuel oil over a wide temperature range, and at relatively low concentrations. ECO 9 was also formulated to remove fine solids that would normally result in a high ash content.

Results

The client now treats both waste oil streams as follows:

- * 15,000 gallon batches
- * Oil heated to around 180°F
- * ECO 9 added at 700-1000 ppm and mixed by pump-circulation and air agitation for 20-30 minutes
- * After 8-10 hours, free water separates at the bottom from clean oil with 2-3% BS&W
- * When desired, longer settling yields less than 1% BS&W
- * Treatment cost around 1 cent per gallon

**Trademark of Emulsions Control, Inc.*

Emulsions Control, Inc. 2300 Tidelands Ave, National City, CA 91950; Tel (619) 656-8899; (619) 477-7147