

Wide Spectrum Oil Demulsifier, ECO 70BC, Many Applications

Problem

An oil recycler in the Northwest receives oily wastes from various industries, requiring 4-5 different demulsifiers. One “all-purpose” demulsifier would minimize the need to keep large inventories of different ECO’s.

Solution

RECOVEROL* ECO 70BC was showing great success in treating crankcase oil (with or without heat), marine slops, bunker oil and various mixtures of fuel and process oils. A sample was submitted to the customer who confirmed its usefulness and economic viability.

Results

The customer now treats 90% of his wet oils using ECO 70BC at 2-2.5 gal/1000 gal. The chemical has successfully treated oils at warm and high temperatures; injecting ECO 70BC inline during transfer of the oil (at 160°F-180°F) to a 20,000 gallon settling tank. After 24 hours, the oil analyzes at 3-4 % water, and less than 1% in 36 hours.

The customer reported that “since our introduction to this new chemical our inventory of chemicals has been reduced by more than 50%; saving time and storage space. This new product has been nothing but helpful, and has made every employee’s job easier.”

Due to the high activity of ECO 70BC, it becomes viscous in cold weather. This concern is being addressed by changing the solvent package.

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Emulsions Control, Inc. 925 Hale Place, A 7; Chula Vista, CA 91914; Tel (619) 656-8899; Fax (619) 656-8895