

# Successor to the Legendary ECO 70BC- ECO 70NG Equally Reliable Demulsifier

### *Problem*

An oil reclaimer in the Northwest receives a mixture of oils that average out at ~80% crankcase oil and ~ 20% bunker oil from cruise ships. A reliable demulsifier was needed to treat the mixture regardless of the exact composition.

### *Solution*

Several lab tests were conducted at ECI laboratory and by the customer. ECO\* 70NG was found to perform at a concentration of 2000-4000 ppm, over a temperature range of 180-200°F. High-quality oil was recovered, leaving minimum rag layer and unaggravated water.

### *Results*

The customer has been treating his oil mixture for few years, at 180-200°F, using 2-4 gal/1000 gal of ECO 70NG (depending on the actual concentration of bunker oil in the mixture).

During demulsifier addition, the tank is air sparged from the bottom for ~ 30 minutes.

Within 48 hours, the oil is recovered at < 2% BS&W.

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