



Best-selling Oil Demulsifier, ECO 70BC, Works Cold

Problem

Several oil reclaimers with no heating facilities, still need to dehydrate used oil to produce saleable product. Others have heated tanks, but try to increase process volume or shut down boilers in the summer months. In these situations availability of a cold-treating demulsifier can make the difference between high-quality saleable oil or “junk oil”.

Solution

Tested several samples of oil for customers across the U.S and Canada. Typical oil consisted of 60-70% engine oil with industrial and fuel oils making the balance. Untreated oils analyzed at 7-15% water. ECO* 70BC, widely-used as a “heat-treater” [see Success Story #48], at 3000-4000 ppm dropped the water down to 1-3%, especially at temperatures above 70-75°F.

Results

Customers now treat their oil during the Spring and Summer months when day-time temperatures are above 70°F. 10,000-20,000 gallon batches typically require 2-3 days to drop the water to an average of 1-3%. Naturally, those with an additional day or two settling time can bring the water content to ~ 1%.

At temperatures below 65°F, separation is too slow for timely recovery.

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