



Hydraulic Oil Re-Use Definitely Possible

Problem

A custom molder of rubber and plastic products in the Midwest generated considerable volumes of hydraulic oil contaminated with water. The packed cotton filter was very slow, requiring repeated passes for complete water removal.

Solution

RECOVEROL* ECO 31 was tested, without heat, and found to drop most of the water at 3000 ppm, from 10% or higher to 0.2-0.6%. The filter took care of the small residual. At 150° F, water drop was so complete that filtration became almost unnecessary.

Results

The client now treats his wet hydraulic oil for reuse as follows:

- * 1500 gallon batches.
- * 4 ½ gallons ECO 31 mixed by compressed air.
- * The oil circulated via heater to 120-150° F.
- * Batches settled overnight, free water/solids drained off and bright oil recovered, occasionally after a single pass through filter.
- * Treatment cost around 3 cents per gallon.

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