

Customized Demulsifier Results in \$1.5 Million Savings

Area

Seal Lake

PureChem Products

Customized Demulsifier

Challenge

A major Canadian operator was experiencing high levels of wet oil in their production tanks despite running in excess of 1200 liters per day of demulsifier. The customer was being penalized up to a half million dollars a month in treating costs for sending high BS&W oil up the sales oil line. PureChem was asked to help with finding a more effective solution for them to trial.

Solution

One of PureChem's senior technical specialists reviewed the current program and recommended replacing the incumbent demulsifier with a customized product for this challenging environment. The treatment rate using this unique product lowered consumption by 60%.

Benefit

Within 6 hours of switching over to PureChem's custom product, the system was back up and producing with treater cut rates averaging around 0.2. During the trial period there were numerous upsets including loss of temperature in the treater system, cold trucked fluid, and pipeline pigging. The demulsifier continued to perform during all of these situations, demonstrating just how versatile and robust the product is. The combination of the reduced chemical consumption and improved cost/liter resulted in this customer recognizing a **60% cost savings** in their demulsifier program.