

# TREATER #3

# Customer: PTRHTF30011

COVERIGHT SURFACES CANADA 56 WILLMOTT STREET PO BOX 724 COBOURG, ON K9A 4R5 CANADA

Attn: Scott Kniff Tel: (905)373-3446

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# System Information

System Volume: 7800 ltr

Bulk Operating Temp: 465F / 241C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO AF

Make: KONUS

## Sample Information

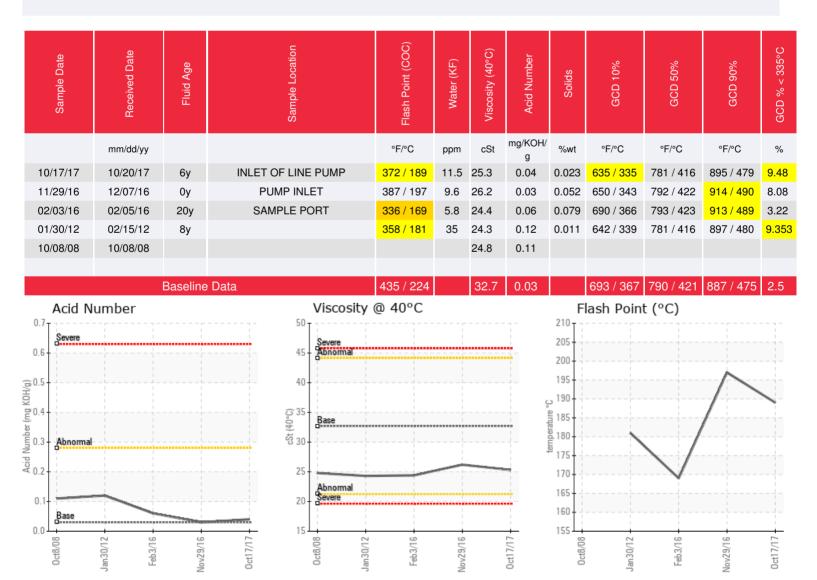
Lab No: 02177163 Analyst: Gloria Gonzalez Sample Date: 10/17/17 Received Date: 10/20/17 Completed: 03/29/18

To discuss this report contact Gloria

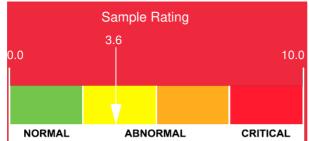
Gonzalez at (905)569-8600

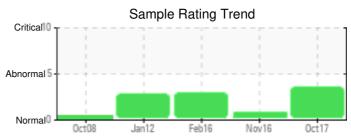
### Recommendation:

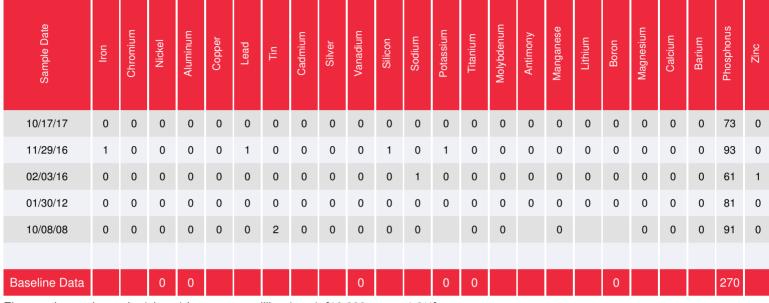
Comments: (GCD) % < 335°C is marginally high. (GCD) 10% Distillation Point is marginally low. COC Flash Point is marginally low. the overall sample results show the a small portion of the oil has been degraded



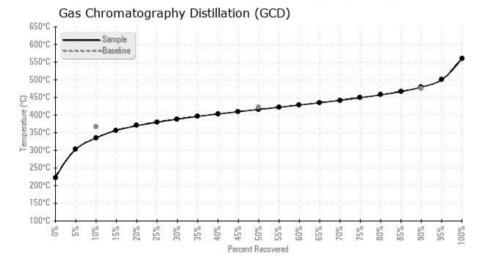


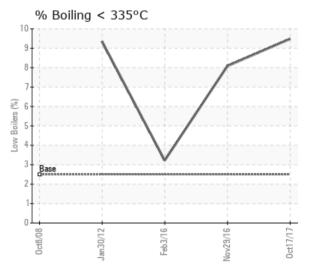






Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]





# Historical Comments The condition of this oil is good and suitable for continued service. Their is some evidence of light ends which we will monitor at the next sample interval which we would suggest in 9 months. Also, could provide information on how long the oil has been in the system. (GCD) 90% Distillation Point is marginally high. The oil analysis indicates that there may be some thermal cracking as the flash point is low indicating some light ends are present. I would suggest another sample in 6 months. COC Flash Point is abnormally low. (GCD) 90% Distillation Point is marginally high. The oil viscosity remains low, same as 4 years ago. The flash point is also lower than expected. We suggest to vent the low boilers out of the fluid by periodically circulating some hot oil through the expansion tank. Make sure to replace the vapors lost by adding fresh oil to maintain fluid level. We suggest to re-sample every 6 months to monitor progress. If nothing improves noticeably by then we may suggest a partial oil replacement (25-30% of the system).

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