[A-72-F/94-H-3] TOURMALINE CONDY REBOILER

Customer: PTRHTF20039

BRENNTAG CANADA INC 3124-54TH AVENUE SE CALGARY, AB T2C 0A8 CA

Attn: Jim Trockstad

Tel:

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System Information

System Volume: 6000 ltr

Bulk Operating Temp: 356F / 180C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: LINE HEATER

Sample Information

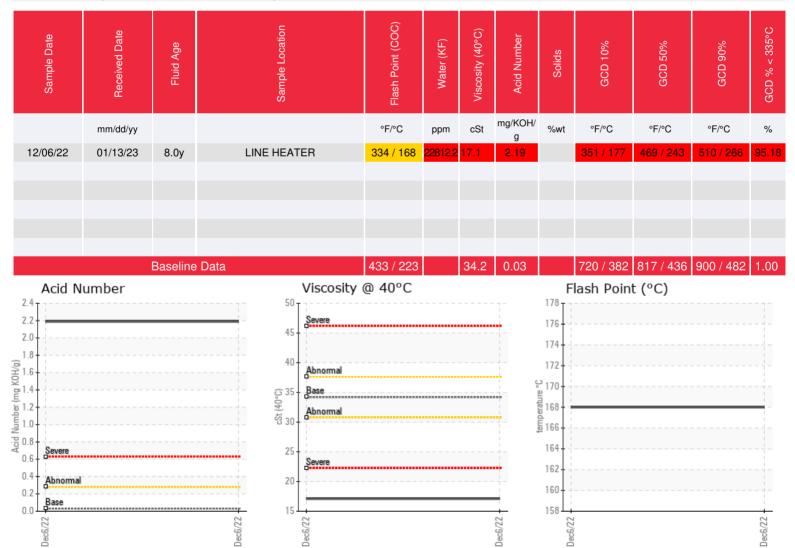
Lab No: 02533275 Analyst: Clinton Buhler Sample Date: 12/06/22 Received Date: 01/13/23 Completed: 01/18/23

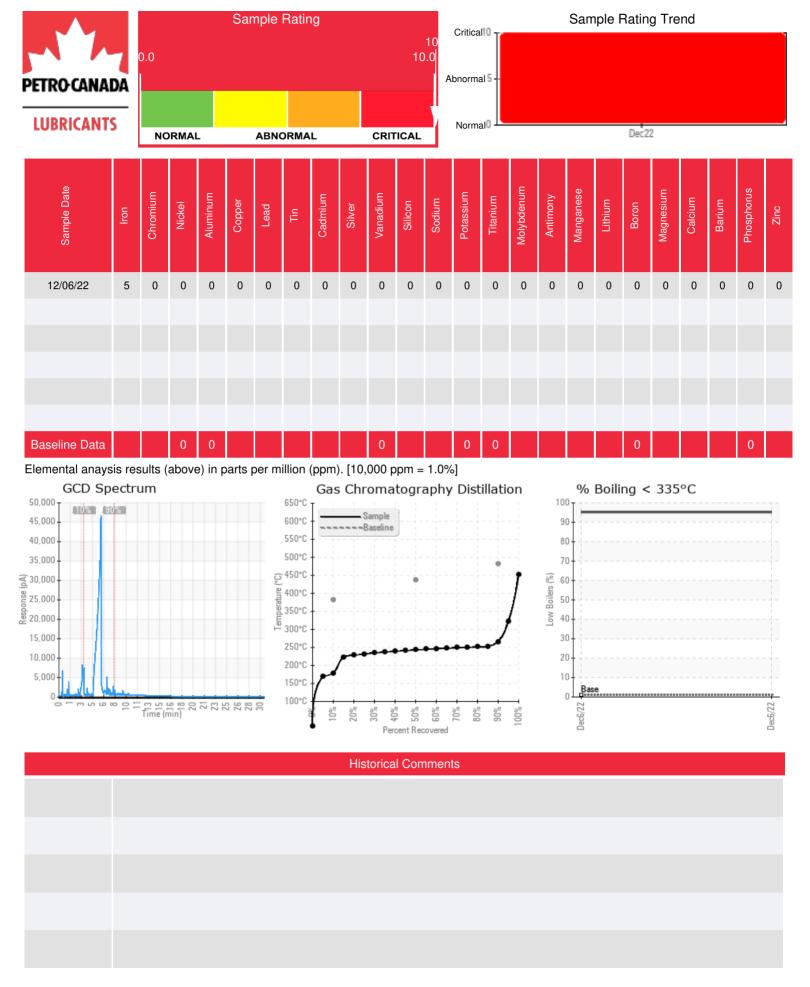
Clinton Buhler

Clinton.Buhler@HFSinclair.com

Recommendation: Sample results indicate excessive water contamination. It is advised to re-sample system immediately, but ensure that sample is drawn from a representative area that reflects hot fluid (ideally hot fluid in turbulent flow area if equipped with pumps). Do not sample from cool, low points. Thoroughly purge sample valve and related piping/tubing until hot fluid is coming out before drawing sample. If re-sample indicates the same, fluid replacement will be necessary, but we need to ascertain if this was a poor sample or not first. Drain any low points of potential free water and take measures to restrict entry of water into system.

Comments: Water contamination levels are severely high. ppm Water contamination levels are severely high. (GCD) % < 335°C is severely high. Acid Number (AN) is severely high. (GCD) 10% Distillation Point is severely low. (GCD) 50% Distillation Point is severely low. (GCD) 90% Distillation Point is severely low. Visc @ 40°C is severely low. COC Flash Point is abnormally low.





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