



HEAT TRANSFER

Customer: PTRHTF40131

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System Information

System Volume: 14000 ltr

Bulk Operating Temp: 374F / 190C

Heating Source:

Blanket:

Fluid: CASTROL PERFECTO HT5

Make: AALBORG

Sample Information

Lab No: 02365683 Analyst: Philip Riley Sample Date: 07/10/20 Received Date: 07/20/20 Completed: 08/13/20

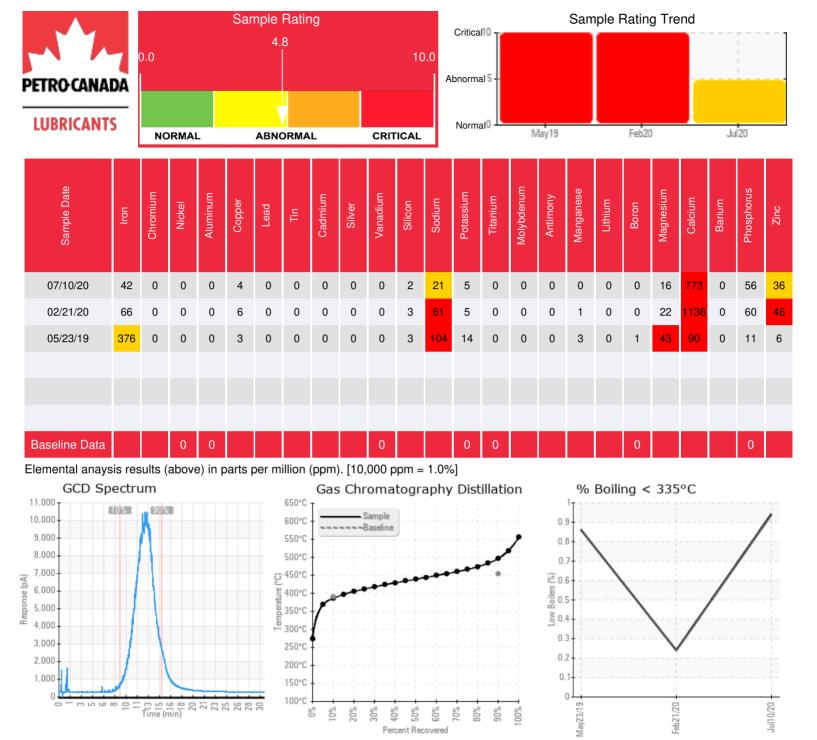
Philip Riley

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Recommendation: Competitor Fluid and no base to make formal diagnosis. The chemistry is unfamiliar and shows unexpected results. I would question the high levels of Calcium for example in a heat transfer oil. Some parameters improved from previous sample but as stated, we cannot diagnose a competitor product accurately and effectively

Comments: (GCD) 90% Distillation Point is severely high. Calcium ppm levels are severely high. Sodium ppm levels are abnormally high. Zinc ppm levels are abnormally high.





Historical Comments

Competitor Fluid and no base to make formal diagnosis. The chemistry is unfamiliar and shows unexpected results. I would question the high levels of Calcium for example in a heat transfer oil. Insolubles indicate some degradation. Sample rated very poor consistent with the previous sample Pentane Insolubles levels are abnormally high. Sodium ppm levels are severely high. (GCD) 90% Distillation Point is severely high. Calcium ppm levels are severely high. Zinc ppm levels are severely high.

Competitor Fluid and no base to make formal diagnosis. However, the products looks to be in very poor condition in a number of areas and I would recommend a full system change, including clean and flush, based on the analysis reportPO levels are severe. Iron ppm levels are abnormal. Water contamination levels are severely high. Water contamination levels are severely high. ppm Water contamination levels are severely high. Pentane Insolubles levels are severely high. Sodium ppm levels are severely high. GCD) 90% Distillation Point is severely high. Magnesium ppm levels are severely high. Acid Number (AN) is abnormally high.

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