

## **B7 BURNER**

## Customer: PTRHTF30052

I G MACHINES AND FIBER 87 ORENDA RD.

BRAMPTON, ON L6W 1V7 Canada

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## **System Information**

System Volume: 10000 ltr

Bulk Operating Temp: Not Specified

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

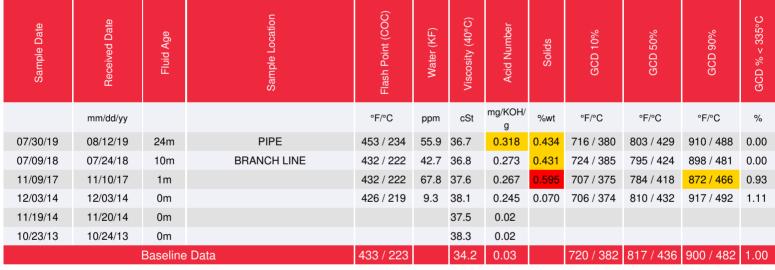
Make:

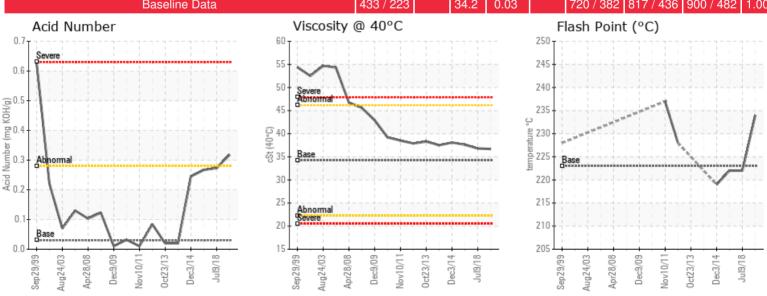
## Sample Information

Lab No: 02302192 Analyst: Lynn Billings Sample Date: 07/30/19 Received Date: 08/12/19 Completed: 08/22/19

Recommendation: The acid number is increasing and the pentane insolubles are still high. Thus the fluid appears to have acidic components in the fluid indicative of oxidation, which can create more deposits. To reduce acid number, you could try 'sweetening' the system (partial oil replacement). Suggest checking filters and changing if possible. Filtration systems will help to keep these levels lower. The sodium level still indicates the residual presence of the soap from previous issues.

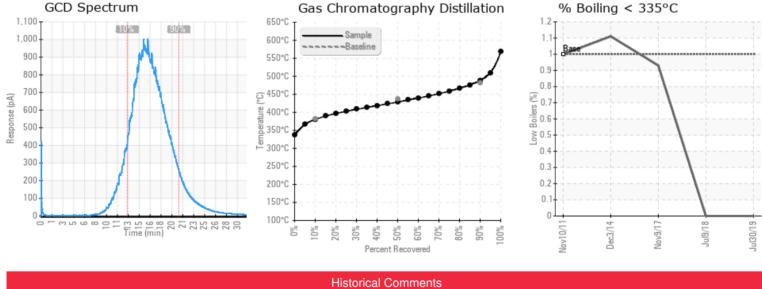
Comments: Pentane Insolubles levels are abnormally high. Acid Number (AN) is abnormally high.







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



Historical Comments	
07/09/18	Fluid in system has improved from last test. The pentane insoluble are still slightly high and the sodium level has been significantly reduced. Acid number and flash point are relatively stable. Suggest to retest system in 9 months. Pentane Insolubles levels are abnormally high.
11/09/17	This fluid still indicates contamination from the soap that was mistakenly put in the system. (Sodium and Potassium level are abnormal). A discussion with the customer is recommended. Pentane Insolubles levels are severely high. Sodium ppm levels are severely high. (GCD) 90% Distillation Point is abnormally low.
12/03/14	Routine Monitoring - no action required at this time. Resample again in 12 months.
11/19/14	Resample at the next service interval to monitor. WearCheck recommends using HTTFL sample kits for heat transfer fluids. Please contact us at 1-800-268-2131 and provide a purchase order for \$245 + HST in order to conduct additional testing (boiling points @ 10%, 50%, and 90%, percent boiling < 335°C, and solids) to determine the suitability for continued use.All component wear rates are normal. There is no indication of any contamination in the component (unconfirmed). The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.
10/23/13	Resample at the next service interval to monitor. WearCheck recommends using HTTFL sample kits for heat transfer fluids. Please contact us at 1-800-268-2131 and provide a purchase order for \$245 + HST in order to conduct additional testing (boiling points @ 10%, 50%, and 90%, percent boiling < 335°C, and solids) to determine the suitability for continued use.(not applicable) There is no indication of any contamination in the component(unconfirmed). The AN level is acceptable for this fluid. The condition of the fluid is acceptable for the time in service (unconfirmed).

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