

451-ACHESON AC

Customer: PTRHTF20056

McAsphalt 26222 TOWNSHIP ROAD 530A ACHESON, AB T7X 5A7 Canada

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System Information

System Volume: 18000 ltr

Bulk Operating Temp: Not Specified

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: HEATEC

Sample Information

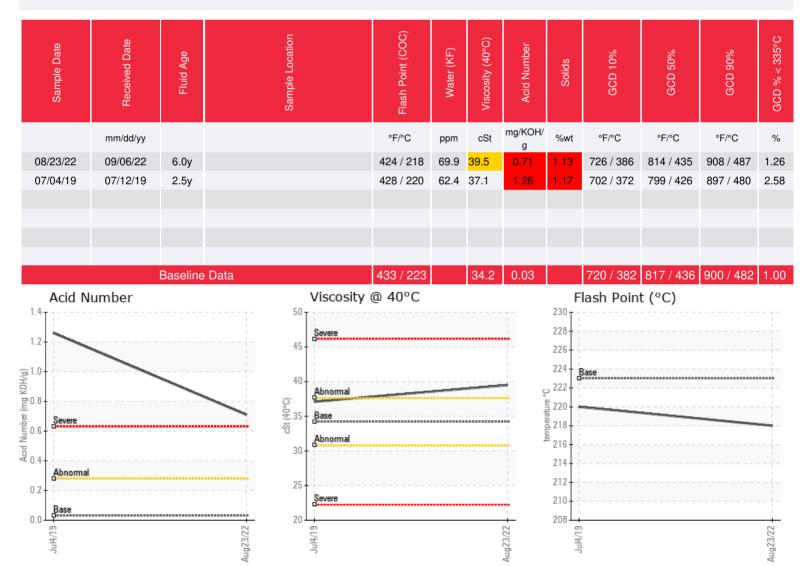
Lab No: 02509202 Analyst: Yutong Gao Sample Date: 08/23/22 Received Date: 09/06/22 Completed: 09/13/22

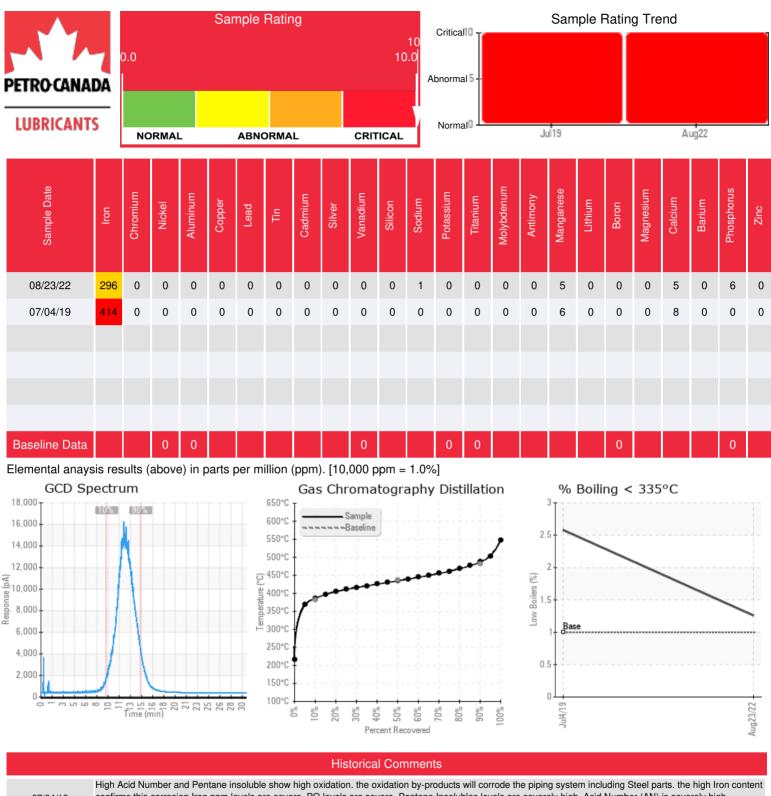
Yutong Gao

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Recommendation: The elevated AN (Acid Number) and higher viscosity at 40C and extremely high solid contents all indicate the fluid oxidation. The 296ppm Fe is considered as third party contamination. If the fluid filtration can be managed in the near future, then please filter the solids or particles as much as possible, and then take one more sample to verify the filtration effectiveness. Otherwise, it is better to plan a complete fluid change. The system inspection is recommended to decide if there is a need for system cleaning and flushing.

Comments: Iron ppm levels are abnormal. Solid levels are severely high. Acid Number (AN) is severely high. Visc @ 40°C is abnormally high.





07/04/19 confirms this corrosion.Iron ppm levels are severe. PQ levels are severe. Pentane Insolubles levels are severely high. Acid Number (AN) is severely high.

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