

FREMONT RPG

Customer: PTRHTF10036

CERTAINTEED - SAINT GOBAIN 6400 STEVENSON BLVD FREMONT, CA 94538-2468 US

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System Information

System Volume: 5000 gal

Bulk Operating Temp: 450F / 232C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO HTF

Make: FIRST THERMAL

Sample Information

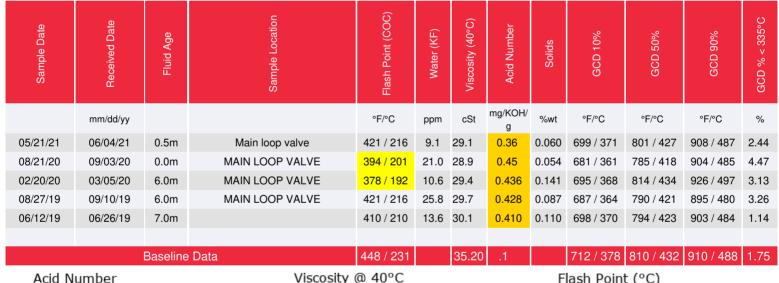
Lab No: 02425247 Analyst: Ron LeBlanc Sample Date: 05/21/21 Received Date: 06/04/21 Completed: 06/08/21

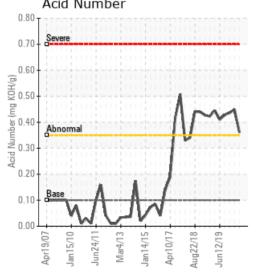
Ron LeBlanc

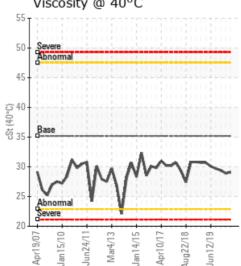
Ronald.LeBlancSr@HFSinclair.com

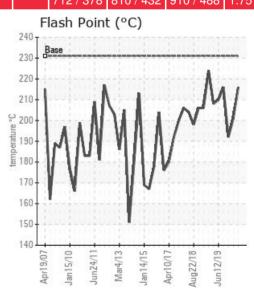
Recommendation: AN is elevated. AN came down from last sample. No action needed. Take sample in 6 months. Be sure to purge oil from port before taking sample in container.

Comments: Acid Number (AN) is abnormally high.



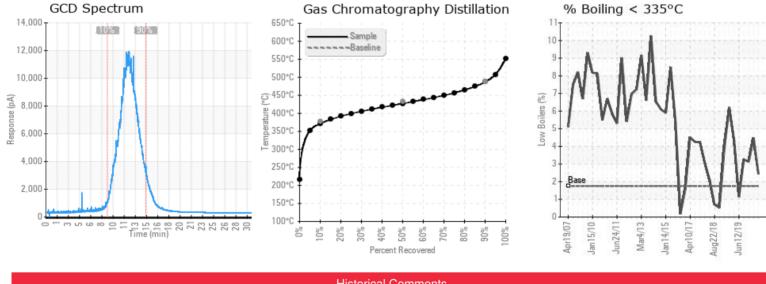








Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



Historical Comments	
08/21/20	While a bit high, the acid number (oxidation) level of the oil has remained stable. The small amount of low boilers can be vented out but the flash point is still strong at ~395F. No actions needed at this time. Keep sampling regularly Acid Number (AN) is abnormally high. COC Flash Point is marginally low.
02/20/20	No changes since the last sample. No venting necessary at this time. The Acid Number is what we need to watch and it's stable. No evidence of contamination by asphalt, water or other substances. Resample at next scheduled interval. Acid Number (AN) is abnormally high. COC Flash Point is marginally low.
08/27/19	No changes since the last sample. As discussed no conference calls, venting is not necessary. The Acid Number is what we need to watch and it's stable. No evidence of contamination by asphalt, water or other substances. Re-sample at next scheduled interval. Acid Number (AN) is abnormally high.
06/12/19	The acid number is high. Otherwise the oil is in good condition. Recommend verifying nitrogen blanket is working properly and partial fluid replacement to reduce acid number. Acid Number (AN) is abnormally high.

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