

[12-01-49-16W5] H800

Customer: PTRHTF20024

CENOVUS PECO PLANT PECO GAS PLANT12-1-49-16w5

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System Information

System Volume: 12000 ltr

Bulk Operating Temp: 410F / 210C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO HTF

Make: PRO FAB CANADIAN

Sample Information

Lab No: 02614325 Analyst: Lyle Dach Sample Date: 01/20/24 Received Date: 02/08/24 Completed: 02/22/24

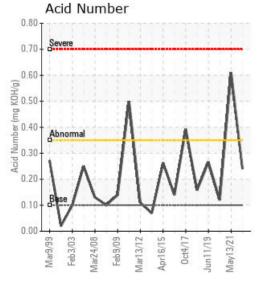
Lyle Dach

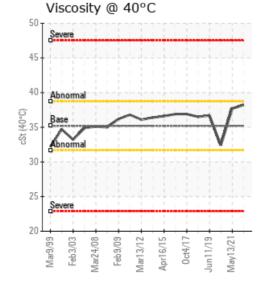
lyle.dach@HFSinclair.com

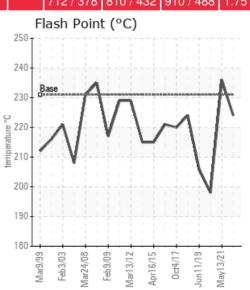
Recommendation: Overall the fluid is good condition, solids (pentane insolubles) are on the high side but have improved from the previous sample. If filtration has been added it appears to be improving the fluid condition. Resample in 12 months.

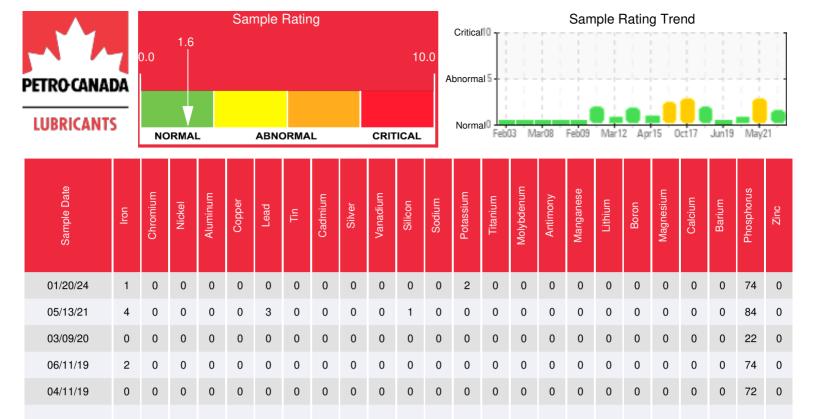
Comments: Pentane Insolubles levels are severely high.







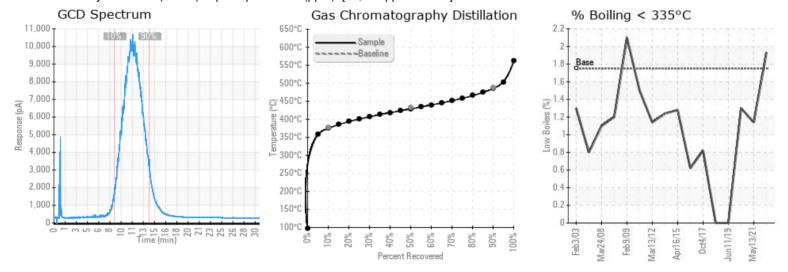




Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]

0

Baseline Data



280

Historical Comments	
05/13/21	Acid Number is higher than normal but not severe, likely from oxidation. Oxidation can be prevented by maintaining blanket gas on the surge tank at all times. The solids content is very high, should consider filtration to bring the solids content down to <0.3%. Otherwise the fluid is in good condition for further service.
03/09/20	Fluid appears to be in good condition. Rsample in 6 months. COC Flash Point is marginally low.
06/11/19	Fluid is in very good condition. The solids content and acid number that were marginally high a couple years ago are now in the normal range. Suggest annual sample submissions to proactively monitor fluid condition.
04/11/19	The fluid is in good condition and suitable for further use. The Pentane Insoluble (solids) content is borderline high. Consider filtration of the fluid while transferring from the temporary storage tank back into the system. Please re-sample after the system has been filled. Pentane Insolubles levels are abnormally high.

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