

[JEREMY MOWRY] WEST SYSTEM

Customer: PTRHTF10182

American Cast Iron Pipe Co. 1501 31st Avenue North Birmingham, AL 35207 US

Attn: Jeremy Mowry Tel: (205)325-7905

E-Mail: jmowry@american-usa.com

System Information

System Volume: 10000 gal

Bulk Operating Temp: 470F / 243C

Heating Source:

Blanket:

Fluid: PETRO CANADA PETRO-THERM

Make: KUTTNER

Sample Information

Lab No: 02606132 Analyst: Jake Finn Sample Date: 12/16/23 Received Date: 01/02/24 Completed: 01/05/24

Jake Finn

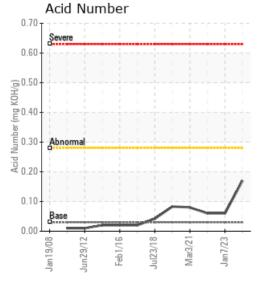
jake.finn@HFSinclair.com

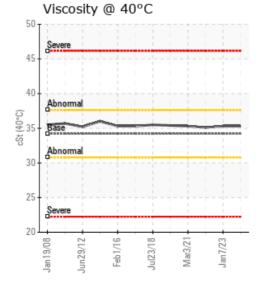
Recommendation: Sample appears to be in great condition and suitable for continued use. Please resubmit for testing in 12

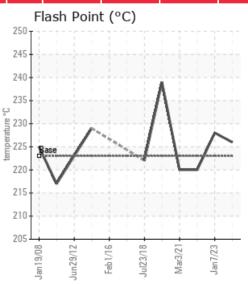
months.

Comments: N/A



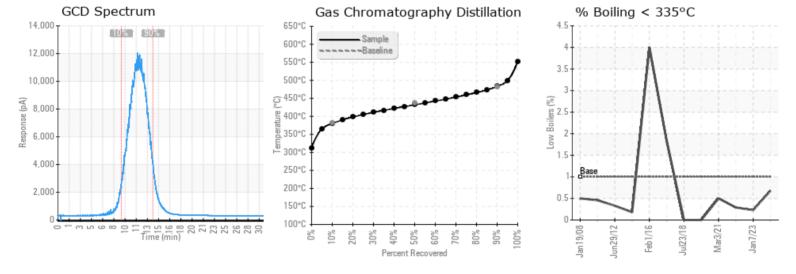








Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



Historical Comments	
01/07/23	Testing indicates the system fluid is in great condition. No significant signs of wear, contamination or fluid degradation at this time. There has been an increase in pentane insolubles, but still well within an acceptable range. Fluid is suitable for continued use, please resubmit for testing in 12 months for regular monitoring.N/A
08/07/22	Sample indicates no signs of wear, contamination or fluid degradation. This fluid is suitable for continued use, please resample and submit for testing in 12 months.N/A
03/03/21	Results indicate fluid is in excellent condition and is suitable for continued use. Please resubmit for testing in one year.N/A
01/16/20	Oil is suitable for continued use. Please resubmit for testing in 12 months. Very Lite sand/dirt noted by lab.

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