

## **LN02 Laminator Hot Oil System**

## Customer: PTRHTF10141

TAMKO BUILDING PRODUCTS

2300 35TH ST

TUSCALOOSA, AL 35401 US

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## **System Information**

CRITICAL

System Volume: 110 gal

Bulk Operating Temp: 350F / 177C

Heating Source:

Blanket:

Fluid: PETRO CANADA CALFLO HTF

Make: Heat Exchanger And T

## Sample Information

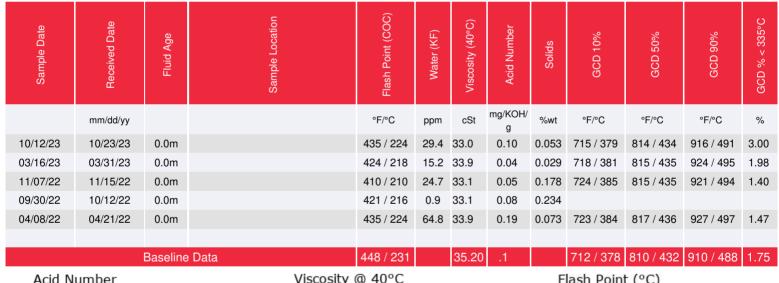
Lab No: 02591205 Analyst: Jake Finn Sample Date: 10/12/23 Received Date: 10/23/23 Completed: 10/27/23

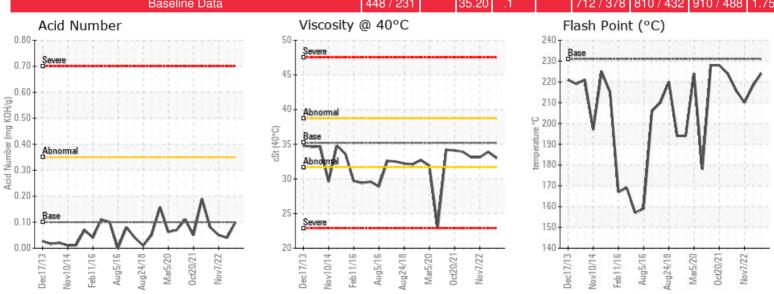
Jake Finn

jake.finn@HFSinclair.com

Recommendation: The sample had a darker, hazy appearance compared to previous samples. Otherwise, it appears to be in great shape. When tested, the sample shows no signs of component wear, contamination or fluid degradation.

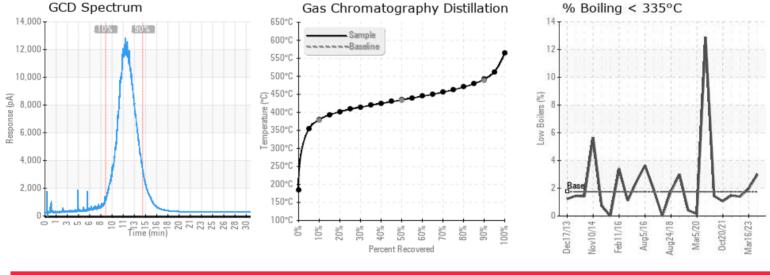
Comments: N/A







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



Historical Comments	
03/16/23	Sample indicates that the system fluid is in great condition and suitable for continued use. There are no signs of wear, contamination or fluid degradation from testing.N/A
11/07/22	Everything looks normal in this sample. Last sample from September showed free water, but it is no longer present indicating the problem has been resolved. No other signs of wear, fluid degradation or contamination at this time. Fluid is suitable for continued use. Please resample unit in 12 months.
09/30/22	Sample contains very high levels of free water, which is inconsistent with previous samples. High levels of free water could result in safety risks and component risks, like pump cavitation. However, the rest of the tests that could be performed do not indicate any severe degradation or component wear at the time of sampling. Running the system above water boiling point and venting may help to remove water, or an external water removal system can be used to remove free water from sample. I recommend taking a second sample to eliminate possibility of a misrepresentative first sample. Depending on the condition of second sample, preventative measures may be necessary to remove water from the system fluid.** SimDist could not be conducted due to the high water content of the sample ***
04/08/22	Sample indicates no significant wear, contamination or fluid degradation. This fluid is suitable for continued use, please resample and submit for testing in 12 months.N/A

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