

## **LN02 Laminator Hot Oil System**

## Customer: PTRHTF10141

TAMKO BUILDING PRODUCTS

2300 35TH ST

0.1

Dec17/13

eb11/16

Jun 1/16

Mar1/17

Feb6/15

Aug24/18

Oct3/19

TUSCALOOSA, AL 35401 USA

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## **System Information**

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: 02314440 Analyst: Jake Finn Sample Date: 10/03/19 Received Date: 10/15/19

Completed: 11/08/19

160

150

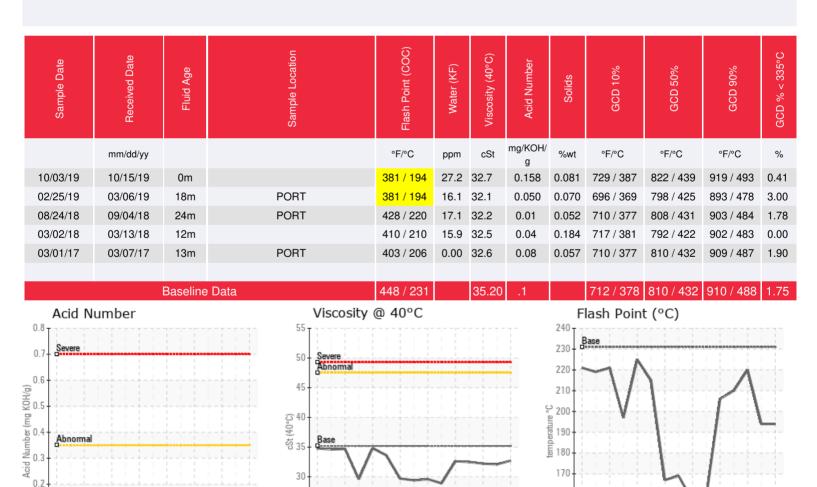
Feb6/15

Oct3/19

Oct3/19

Recommendation: Oil is suitable for continued use. Please resubmit sample in one year.

Comments: COC Flash Point is marginally low. Venting the system may improve flash point. Iron levels have continued to improve over previous samples.



Dec17/13

Abnormal

Feb6/15

-eb11/16

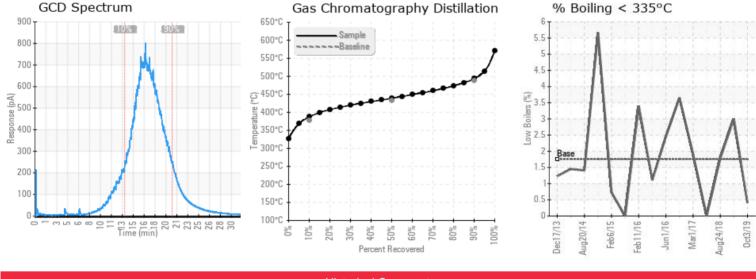
25



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

0

**Baseline Data** 



280

Historical Comments	
02/25/19	Fluid is suitable for continued use. Please re-sample and send to lab in 12 months.COC Flash Point is marginally low. Venting the system may improve flash point. Iron levels have continued to improve compared to previous two samples.
08/24/18	Fluid is suitable for continued use and sample from this 100-gal system should be re-submitted in August of 2019. All critical fluid parameters are in-line and free of contaminants. Some very lite debris was noticed by the lab technician. If system has any filters please change them. Furthermore, the fluid could be filtered using a kidney loop system during a safe shutdown period to obtain optimum cleanliness levels.
03/02/18	Fluid is suitable for continued use. Please re-sample and submit to the lab in 1-year. An increase in the iron level is noted. All other component wear rates are normal. Very light debris has been noticed visually. Changing system filters, if any, is recommended and/or using a portable filter cart during the next scheduled maintenance will clean the fluid.
03/01/17	Please re-sample at normal intervalWear metals are low/Contaminant levels are low/Additive pack appears to be satisfactory/Viscosity is satisfactory/COC Flash Point is good/Pentane insoluble are good/Very light debris seen in sample/no water

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