

## RETURN CARGILL MEAT THAILAND

## Customer: PTRHTF60010

SYNLUBE INTERNATIONAL CO LTD 76/1 MOO.7 THACHIN

MUANG SAMUTSAKHON, 74000

**THAILAND** 

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## System Information

System Volume: 11275 ltr

Bulk Operating Temp: 554F / 290C

**Heating Source:** 

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

Make: WANSON

## Sample Information

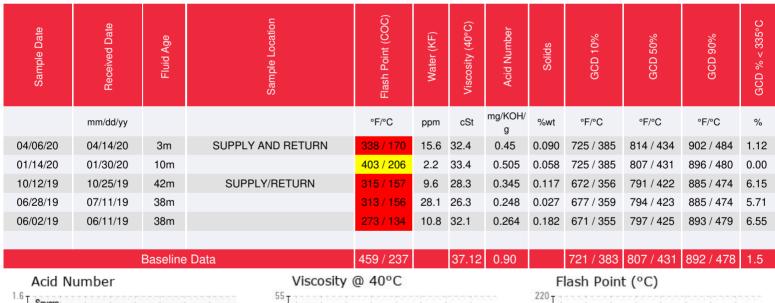
Lab No: 02348708 Analyst: Philip Riley Sample Date: 04/06/20 Received Date: 04/14/20 Completed: 04/26/20

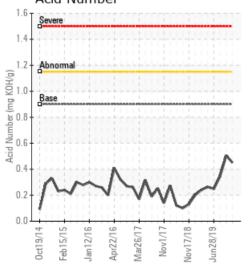
Philip Riley

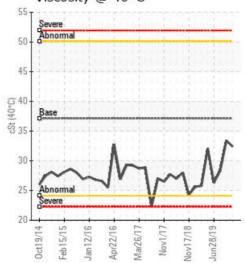
philip.riley@petrocanadalsp.com

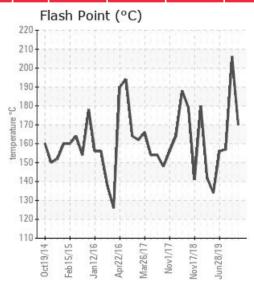
Recommendation: All parameters remain in specification except for the low COC Flash Pt. This has seen lower values in the past but it is important to safely vent the system to remove the low boiling point molecules. Recommend to re-sample in 3 months to check the system after venting.

Comments: COC Flash Point is severely low.







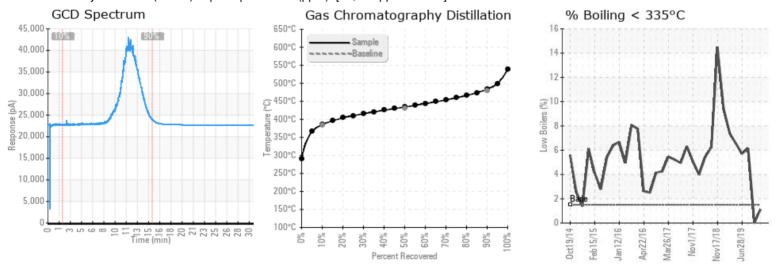




Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]

0

**Baseline Data** 



Historical Comments	
01/14/20	Flash point (COC) slightly low but within reasonable boundaries. If safe venting can take place to recover then look towards this after next analysis if it continues to reduce but currently fit for further use. All other parameters meet spec. Please re-sample at normal interval COC Flash Point is marginally low.
10/12/19	COC very low and evidence of thermal cracking of the oil, with a history in this application. Viscosity has recovered slightly from last sample and COC Flash Pt is almost identical. Please look to further vent this system (if safe) and see if flash point can be recovered also. Distillation properties in line with expectation. Please sample following venting and check on recovery of the oil COC Flash Point is severely low.
06/28/19	The current fluid has normal distillation points. The acid number and solid content are all normal. The current fluid is suitable for operation. Please do the system venting as one of the routine maintenance activities to release the low boiler. Please take one sample in 6 months to monitor the conditions.
06/02/19	The current fluid condition is similar to the previous oil sample two months ago. The oil viscosity has been greatly improved. The oil distillation points are normal. The oil Acid Number and Solid contents are all low. However, the flash point is still severely low based on two repeated tests. Please conduct a long and effective system venting to release the light oil moisture to restore the higher flash point as soon as possible.

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