

SUPPLY CARGILL MEAT THAILAND

Customer: PTRHTF60010

SYNLUBE INTERNATIONAL CO LTD 76/1 MOO.7 THACHIN

MUANG SAMUTSAKHON, 74000

THAILAND

0.4

Feb15/15

0ct19/14

Jan 12/16

Attn: CHERNPORN CHOBKUI

Tel: 034421290

E-Mail: chernporn@synlube.co.th

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: 02348709 Analyst: Philip Riley Sample Date: 04/06/20 Received Date: 04/14/20 Completed: 04/26/20

Philip Riley

140

120

Feb 15/15

0ct19/1

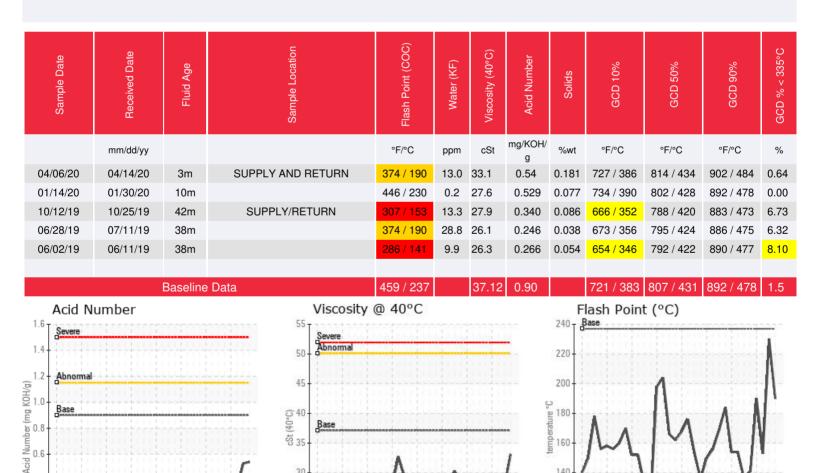
Apr22/16

un28/19

philip.riley@petrocanadalsp.com

Recommendation: All parameters test to specification with the exception of the COC Flash Pt which is marginally low. The fluid remains suitable for operation, but recommend safe venting if possible to remove the low boiling point molecules. Please resample after normal frequency

Comments: COC Flash Point is abnormally low.



Oct19/14

Abnormal

Feb15/15

Apr22/16

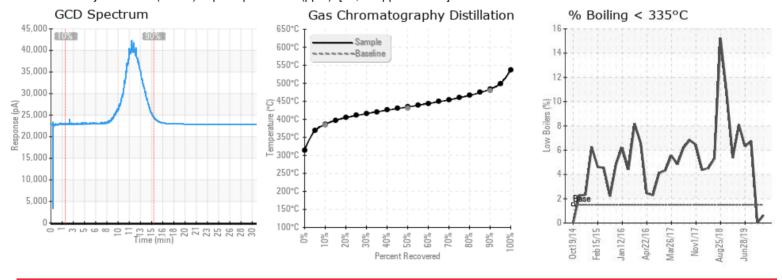
Jan 12/16

30

25



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



Historical Comments	
01/14/20	Oil tests to spec and all parameters as expected. Fit for further use and re-sample at normal frequency
10/12/19	Strong evidence of cracking indicated by the lowering viscosity and the low flash point. This looks to have been recovered in the past and if safe to do so the system must be vented. Distillation points remain mainly in line with fresh fluid. Please vent the system and take another sample to check how the system has recovered from removal of the light end molecules COC Flash Point is severely low. (GCD) 10% Distillation Point is marginally 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 conditions are slightly better than the previous oil sample two months ago. However, the flash point is still severely low considering the elevated low boiler generated by the thermal cracking? The oil Acid Number and Solid contents are all low. Please conduct a long and effective system venting to release the light oil moisture.

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