





KORAT (THAILAND) - RETURN - FUTHER1

Customer: PTRHTF60010

SYNLUBE INTERNATIONAL CO LTD 76/1 MOO.7 THACHIN

MUANG SAMUTSAKHON, 74000

THAILAND

Attn: Kittisak Suthithanakom

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System Information

System Volume: 20910 ltr

Bulk Operating Temp: 554F / 290C

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

Make: HAVOL

Sample Information

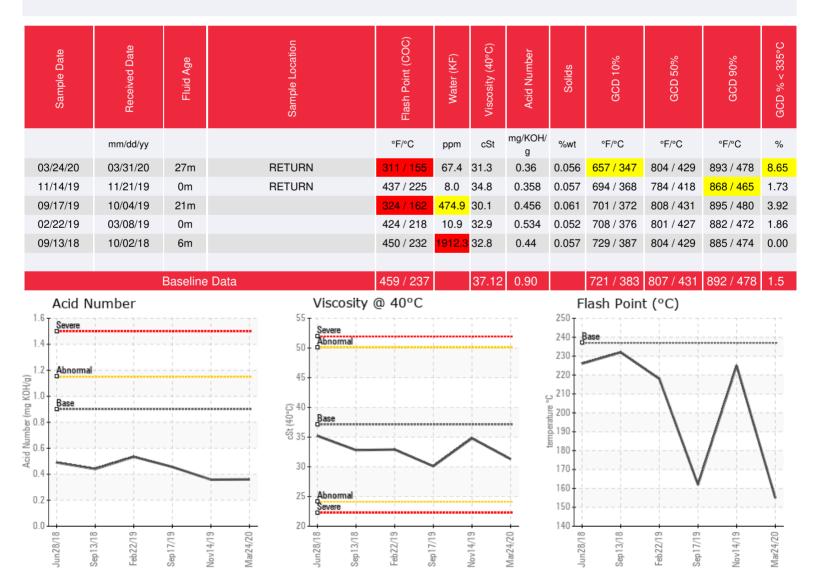
Lab No: 02346702 Analyst: Philip Riley Sample Date: 03/24/20 Received Date: 03/31/20 Completed: 04/28/20

Philip Riley

philip.riley@petrocanadalsp.com

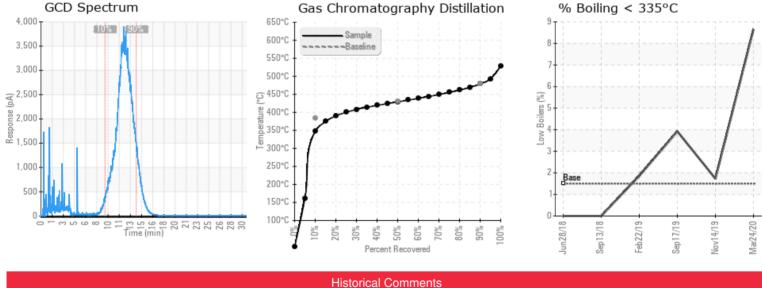
Recommendation: COC Flash Point is very low and the trace shows evidence of some light molecules. If it can be done safely suggest venting the fluid to remove light ends, but only if safe. Please re-sample when done to check if the flash point has recovered. If it cannot be done consider an oil change based on the decreasing flash point

Comments: COC Flash Point is severely low. (GCD) % < 335°C is marginally high. (GCD) 10% Distillation Point is marginally low.





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



Historical Comments	
11/14/19	Picture of fluid looks darker than expected, was there a flush done between the last product and this new oil? All critical parameters testing to spec and fluid fit for further use. Based on historical oil data recommend re-sample at next normal frequency, estimate 6 months (GCD) 90% Distillation Point is marginally low.
09/17/19	COC Flash Point is very low and the trace shows evidence of some light molecules. If it can be done safely suggest venting the fluid to remove light ends, but only if safe. Please re-sample when done to check if the flash point has recovered. If it cannot be done consider an oil change based on the decreasing flash point Water contamination levels are marginally high. Water contamination levels are marginally high. COC Flash Point is severely low.
02/22/19	The current fluid has normal flash point, adequate oil viscosity and GCD distillation points. The contaminants such as water, dirt or other solid particles are all low. Please continue to run the fluid and take one sample in 12 months.
09/13/18	The current fluid has normal viscosity, flash point and TAN. The solid content is also very low. However, the water level is very high, even though there are no safety concerns, I still recommend to trouble-shoot how the large amount of the water went into the system. Or the sample was just a bad sample. Please make sure to flush the sampling line/port well before taking the real samples next time. Please continue to run this fluid and take one sample in 6 months.

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