

## **WANSON TPC 450 LN**

## Customer: PTRHTF40044

NorthSeafood Netherlands

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8321 EE

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System Information

System Volume: 400 ltr

Bulk Operating Temp: 270F / 132C

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

Make: WANSON

Sample Information

Lab No: 02562802

Analyst: Bill Quesnel CLS,OMA II,MLA-

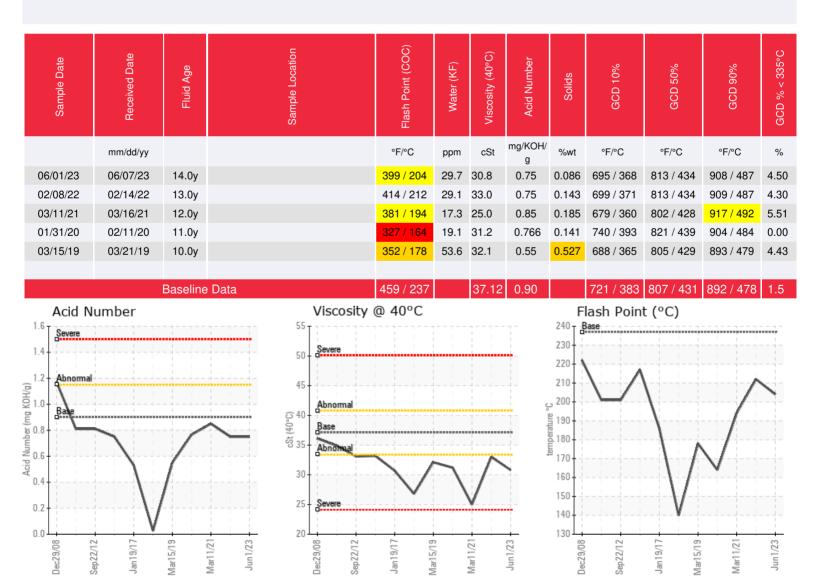
III,LLA-I

Sample Date: 06/01/23 Received Date: 06/07/23 Completed: 06/15/23

Bill Quesnel CLS, OMA II, MLA-III, LLA-I

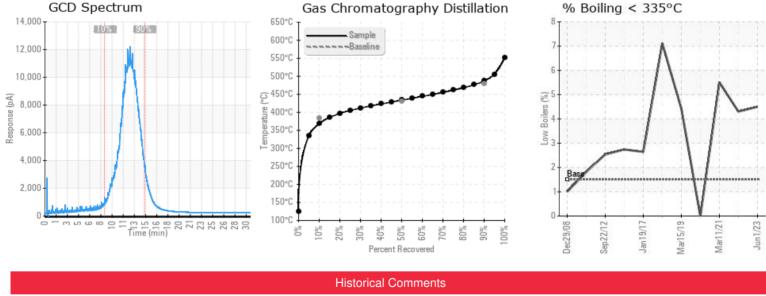
Recommendation: The fluid is suitable for further service. Resample at the next service interval to monitor.

Comments: COC Flash Point is marginally low.





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



Historical Comments	
02/08/22	Fluid condition is acceptable for time in service. Resample at next normal interval.
03/11/21	Oil appears to be fit for further service. Suggest sample at next scheduled maintenance interval. (GCD) 90% Distillation Point is marginally high. COC Flash Point is marginally low.
01/31/20	Lowering of COC Flash Pt and some evidence of light end molecules in spectrum. As has previously been done with this product try and vent off (safely) the light ends and recover the flash point. Operating temperature of 135C and the flash point are still 30C apart, so flash point cannot afford to drop. Must look to recover flash point for further use (GCD) % < 335°C measurement of 0.00% by far too low, as flash point indicates high number of light molecules.
03/15/19	Iron levels high and maybe a result of some wear, please investigate. Phospohorus levels untypical for this fluid (PURITY FG HTF), has an alternative product been used to top up the system in error? COC recovered from previous sample albeit it still low. Pentane insoluble showing deterioration in the fluid alsolron ppm levels are abnormal. Pentane Insolubles levels are abnormally high. COC Flash Point is abnormally low.

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