

WANSON TPC 450 LN

Customer: PTRHTF40044

NorthSeafood Netherlands

Stortemelk 12-14

8321 EE

Urk, Netherlands Attn: Wilbert Snijers

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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: 02185903

Analyst: Alexander Panov Sample Date: 11/29/17

Received Date: 11/29/17

Completed: 02/09/18

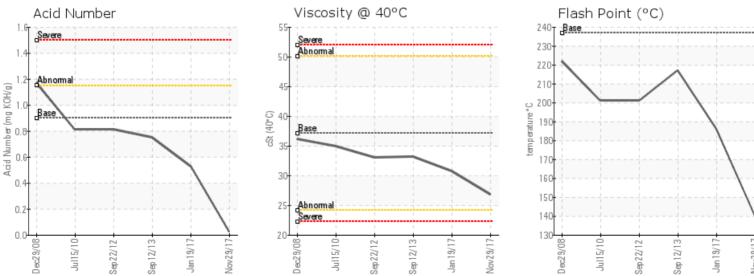
To discuss this report contact Alexander

Panov at (496)214-4586269

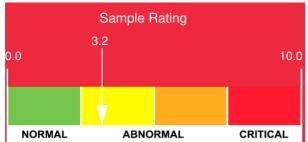
Recommendation: COC Flash Point is severely low. (GCD) 90% Distillation Point is marginally high. (GCD) 10% Distillation Point is marginally low. Some low boilers are present and Venting is recommended. Otherwise the fluid is in good conditions.

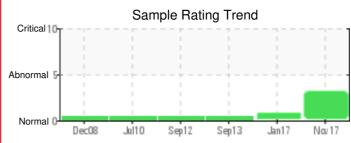
Comments: COC Flash Point is severely low. (GCD) 90% Distillation Point is marginally high. (GCD) 10% Distillation Point is marginally low.





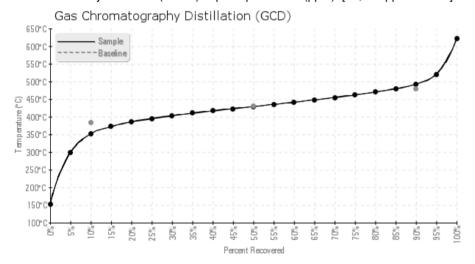


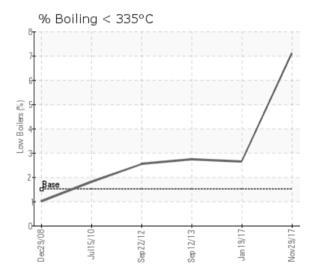




Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
11/29/17	14	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01/19/17	3	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0
09/12/13	11	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	24	1
09/22/12	99	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	87	7
07/15/10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	0
12/29/08	150	0	0	0	0	2	0	3	0	0	4	0		0	0		1			0	3	0	227	22
Baseline Data			0	0						0			0	0					0				230	

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





Historical Comments							
01/19/17	Oil appears to be fit for further service. Suggest sample at next scheduled maintenance interval. COC Flash Point is abnormally low.						
09/12/13	There is a very small proportion of low boilers present but this has not affected the fluid which appears to be in good condition and fit for further service. Suggest another sample in 12 months.						
09/22/12	There appears to be some wear - investigate where wear could be occuring.						
07/15/10	No action required at this time. Re-sample at normal interval.						
12/29/08							

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