

WANSON 600LNE

Customer: PTRHTF40017

INTERSNACK BV HAVENSTRAAT 62 GELDERLAND

DOETINCHEM, GEL NETHERLANDS

Attn: Maintenance Manager

Tel: E-Mail:

System Information

System Volume: 2600 ltr

Bulk Operating Temp: Not Specified

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

Make: WANSON

Sample Information

Lab No: 02265954 Analyst: Philip Riley Sample Date: 01/24/19 Received Date: 02/04/19

Completed: 02/19/19

Recommendation: COC low but improved from previous samples, was some form of venting done. 10% Dist point also marginally low. If can be done safely attempt to do further venting and raise both values. Viscosity trending downwards but within limits. Sample condition worsening showing signs of aging. Fit for further use and sample again at normal frequency

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

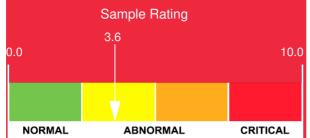


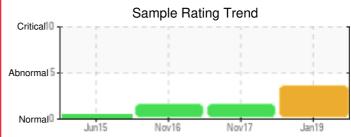


11/21/17

11/15/16

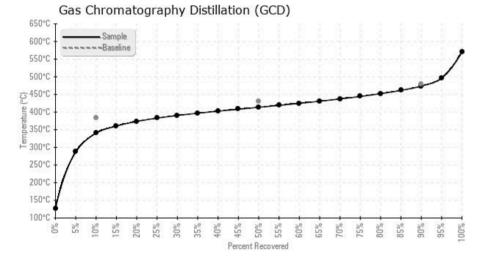
06/30/15

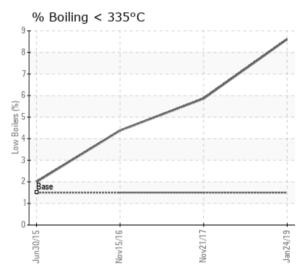




Sample Date	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
01/24/19	17	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	1
11/21/17	12	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0
11/15/16	15	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0
06/30/15	50	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	1
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

Light molecules increased substantially over the 3 samples, may be worth de-gassing if possible to remove. Flash point consistently low but marginally improved on previous sample, but lower than expected. Syuspect the fluid may have been partially changed (?) to increase the flash point. Suggest to monitor closely and if the flash point cannot be recovered look to change at next convenient point. COC Flash Point is abnormally low. (GCD) 90% Distillation Point is abnormally low. Oil is fit for service. Suggest sample at next scheduled maintenance interval. COC Flash Point is severely low.

Oil appears for for further service, sample at next scheduled maintenance interval.

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