



ENSAH HEAT TRANSFER

Customer: PTRHTF40074

LUBRICON LTD STI ATASEHIR ISTANBUL

ISTANBUL, 34770 Attn: Murat Baslilar

Tel: x:

E-Mail: mbaslilar@lubricon.com.tr

System Information

System Volume: 10000 ltr

Bulk Operating Temp: 536F / 280C

Heating Source:

Blanket:

Fluid: PETRO CANADA PURITY FG HEAT TRANSFER FLUID

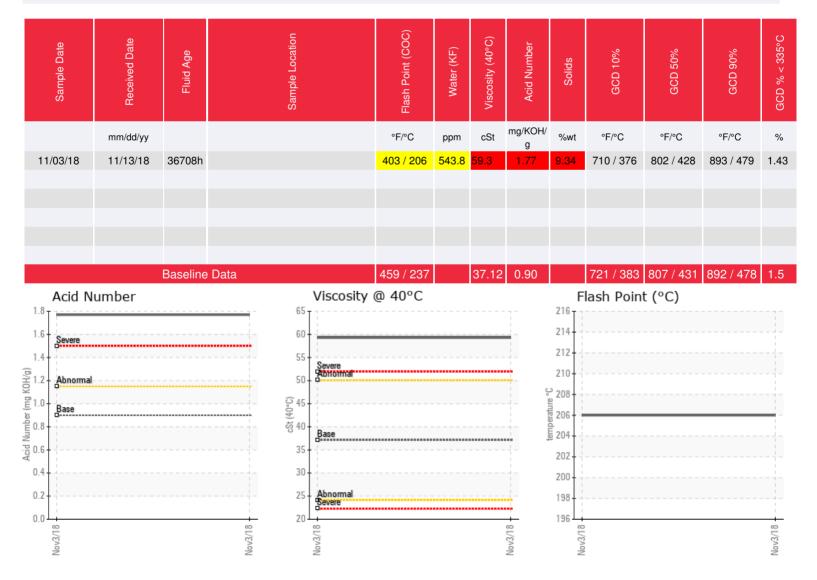
Make: ENSAH

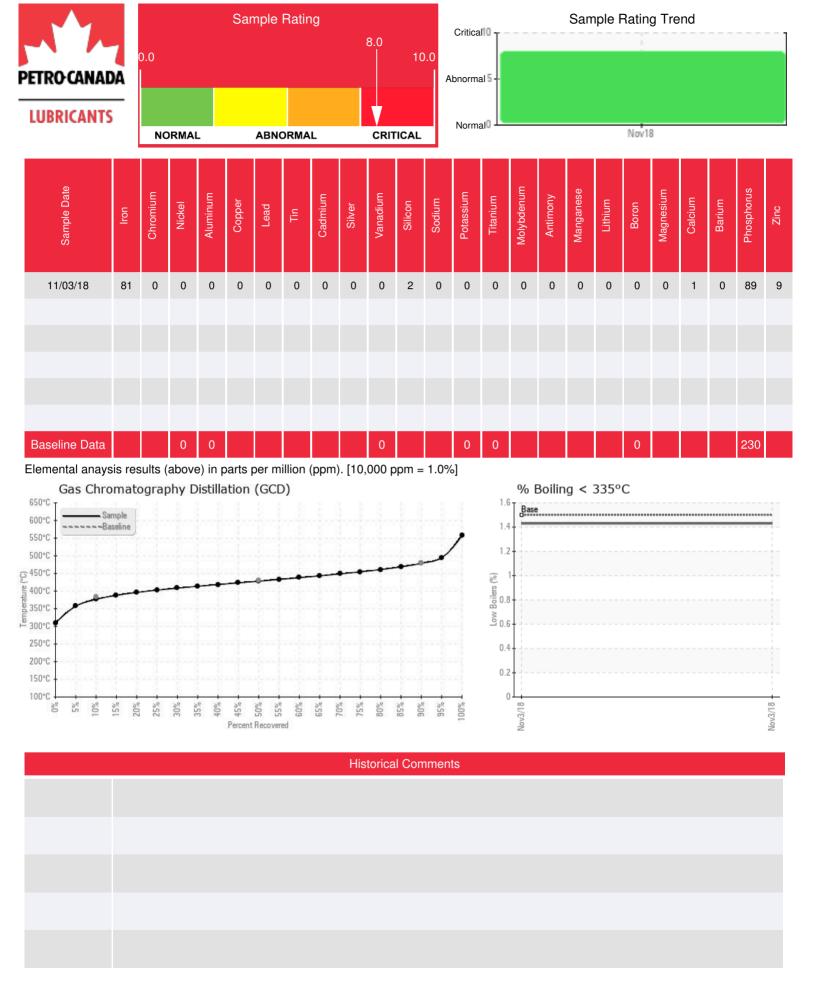
Sample Information

Lab No: 02251216 Analyst: Philip Riley Sample Date: 11/03/18 Received Date: 11/13/18 Completed: 11/26/18

Recommendation: A number of parameters lead to a poor sample rating and overall recommendation to change fluid, including a flush, based on this sample. It looks to be a stand alone sample and there is no history to draw from this sample. The viscosity is extremely high vs the expected (water ingress may have some influence on this but not to this extent), acid number is very high and so are the insoluble. This points to fluid degradation in the fact there are high levels of insoluble matter, the viscosity is raised. Recommend a fluid change, flush/clean ahead of refill based on this sample

Comments: Pentane Insolubles levels are severely high. Water contamination levels are marginally high. Water contamination levels are marginally high. Water contamination levels are marginally high. Acid Number (AN) is severely high. Visc @ 40°C is severely high. COC Flash Point is marginally low.





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