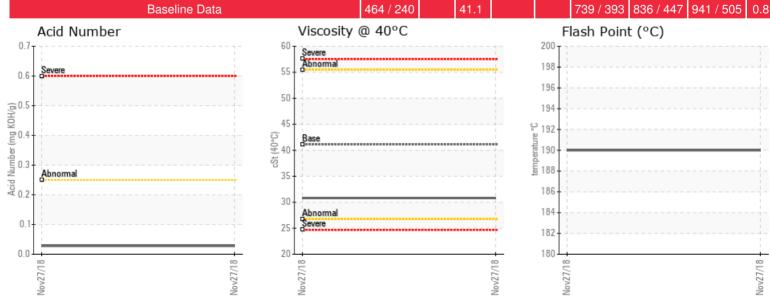


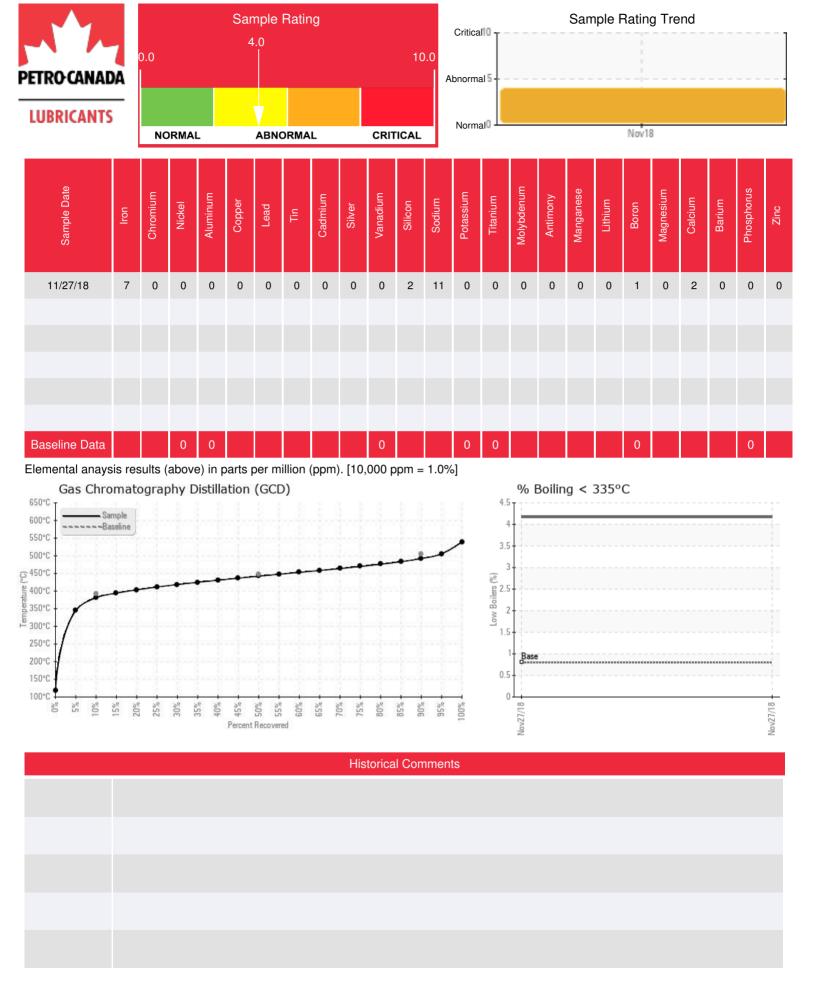
Recommendation: Sample results indicate that the heat transfer fluid is suitable for continued service. Please note reduced flash point and increased % boiloff (GCD % < 335C). That, and also the fluid's viscosity is 30.8 cSt vs 41cSt of new fluid can indicate a mixture of different fluids, but it can also indicate thermal degradation.Depending on system design, that is, if a high blanket gas pressure is not required to provide the circulation pumps positive suction head pressure, it is recommended to perform regular venting of the expansion tank to remove the low boiling vapors from the system. This can help restore distillation values as well as flash point. Water level is not ideal. This may be an indication of where the sample was drawn from. Venting will also assist in removing water from the system if results are representative. Once venting (if safe to do so) has been completed thoroughly, please re-sample in 6 months.

Comments: Water contamination levels are marginally high. COC Flash Point is abnormally low. (GCD) 90% Distillation Point is marginally low.

E-Mail: justin.dery@7genenergy.com







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