

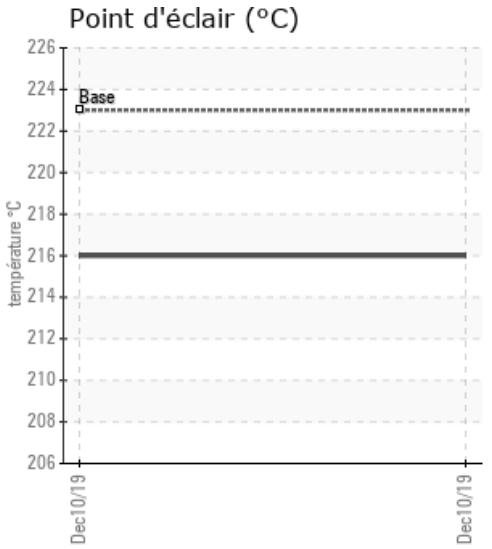
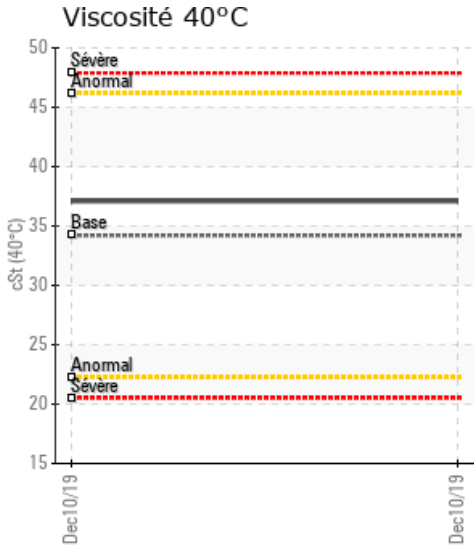
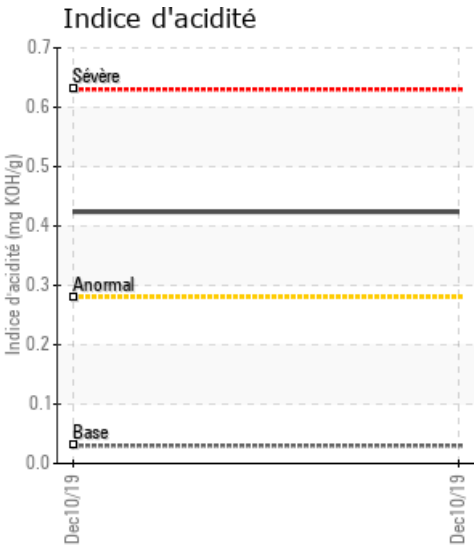
## HEAT TRANSFER

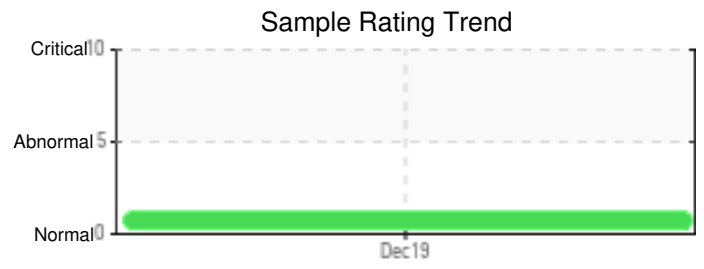
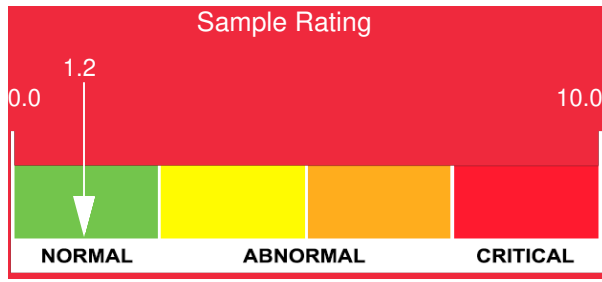
Customer: PTRHTF30150	System Information	Sample Information
Construction et Pavage Portneuf inc... 253 Rue Rotterdam Saint-Augustin-Des-Desmaures, QC G3A 2E5 Canada Attn: Guyaume Trepanier Tel: (581)329-8539 E-Mail: usine178@cppinc.ca	System Volume: 400 gal Bulk Operating Temp: 350F / 177C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: HEATEC	Lab No: 02327896 Analyst: Pierre Castagne Sample Date: 12/10/19 Received Date: 12/18/19 Completed: 01/06/20

Recommendation: l'huile est bonne pour usage continue.

Comments:

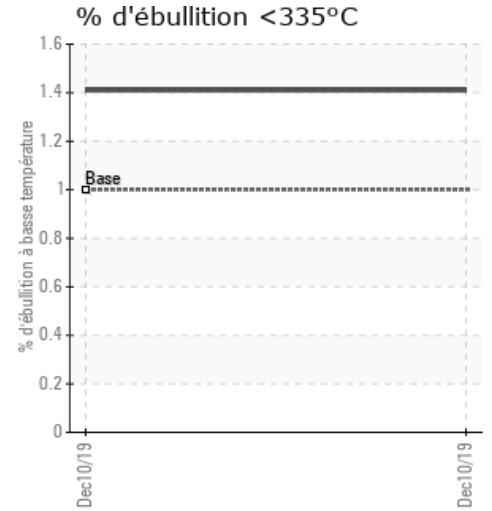
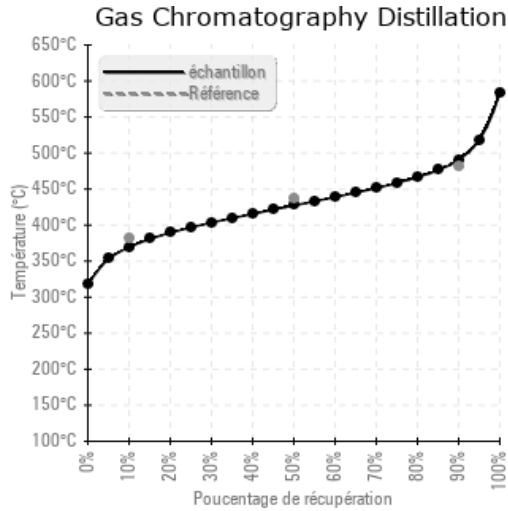
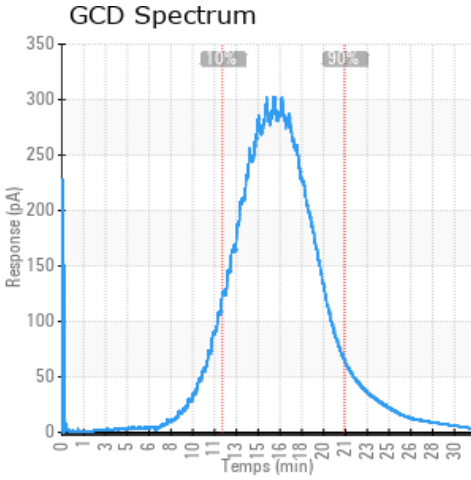
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
12/10/19	12/18/19	13y	PUMP	421 / 216	23.9	37.1	0.424	0.137	697 / 369	801 / 427	915 / 491	1.41
Baseline Data				433 / 223		34.2	0.03		720 / 382	817 / 436	900 / 482	1.00





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
12/10/19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baseline Data			0	0						0			0	0					0				0	

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



### Historical Comments


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