

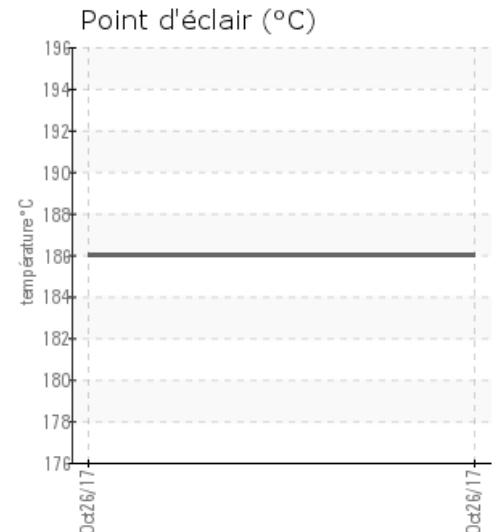
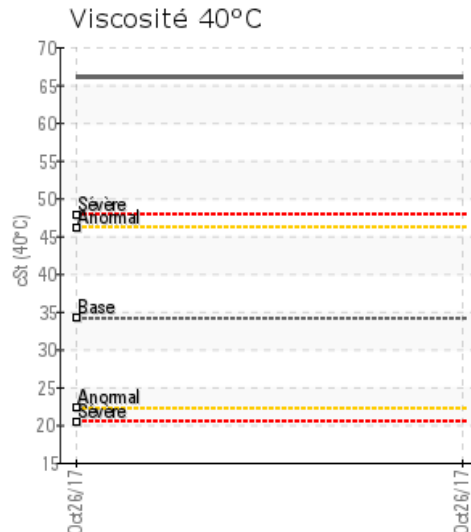
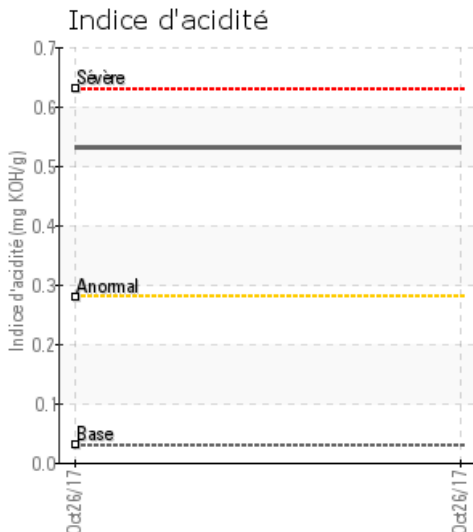
## BOUILLOIRE LA BAIE

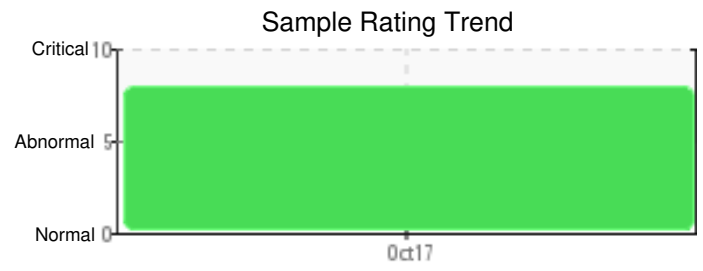
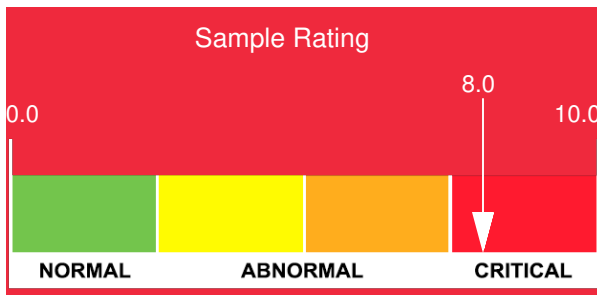
Customer: PTRHTF30106	System Information	Sample Information
<b>SINTRA</b> 4000 CHEMIN DES SABLES SAGUENAY, QC G7N 1L7 Canada Attn: Regis Milliard Tel: E-Mail: rmilliard@sintra.ca	System Volume: 800 ltr Bulk Operating Temp: 350F / 177C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: TECHNIFLAMME	Lab No: 02179510 Analyst: Claude Bureau Sample Date: 10/26/17 Received Date: 11/02/17 Completed: 01/04/18 To discuss this report contact Claude Bureau at (438)863-7577

**Recommendation:** En raison de l'augmentation de la viscosité et de la contamination de l'huile celle-ci n'est plus en bonne condition d'opération. Un nettoyage du système est fortement recommandé avant de recharger celui-ci avec de l'huile neuve. SVP bien vérifier que la bonne huile est additionnée au système caloporteur.

**Comments:** Aucun métaux d'usures détectés. Les insolubles au pentanes sont élevées, le point d'éclair est légèrement plus bas que la normale. La quantité de soufre (S : 2681 ppm) est largement au-dessus de la quantité normalement trouvée (S : 326 ppm max) dans l'huile neuve. La viscosité de l'huile est 40% plus élevée que la normale.

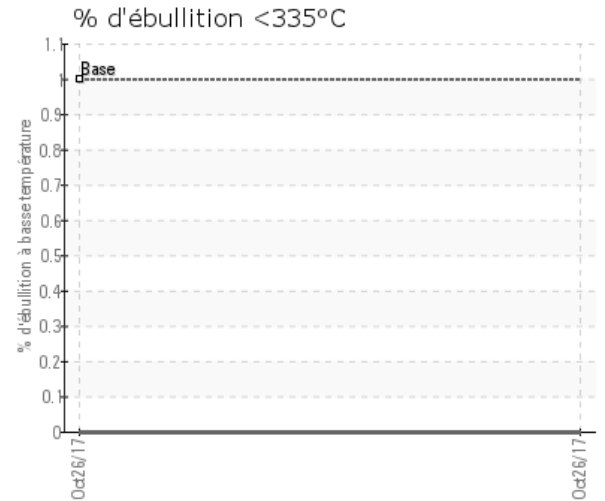
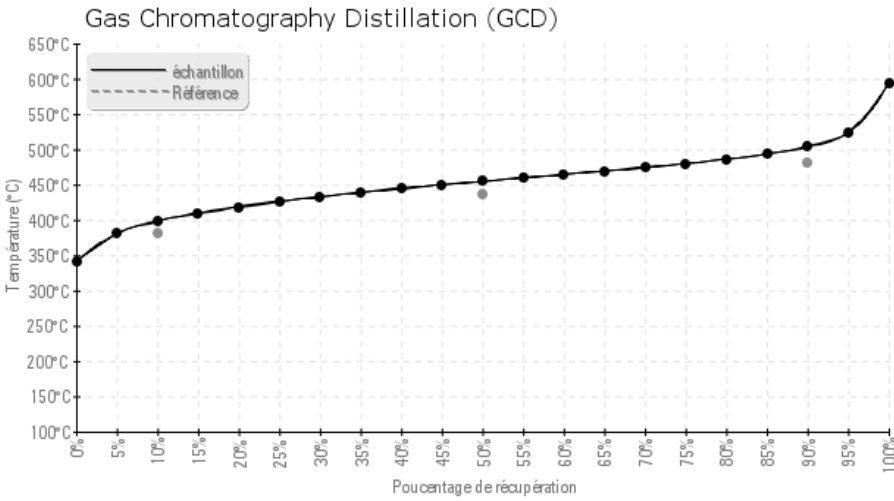
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
10/26/17	11/02/17	5y	DANS LE RESERVOIR	367 / 186	60.3	66.0	0.53	1.08	749 / 398	850 / 455	939 / 504	0.00
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
10/26/17	63	0	0	0	3	4	1	4	0	0	0	6	1	0	0	0	1	0	0	0	4	0	3	3
<b>Baseline Data</b>			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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