

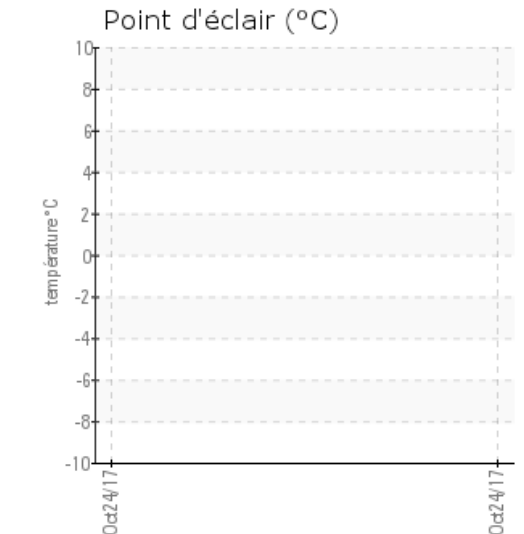
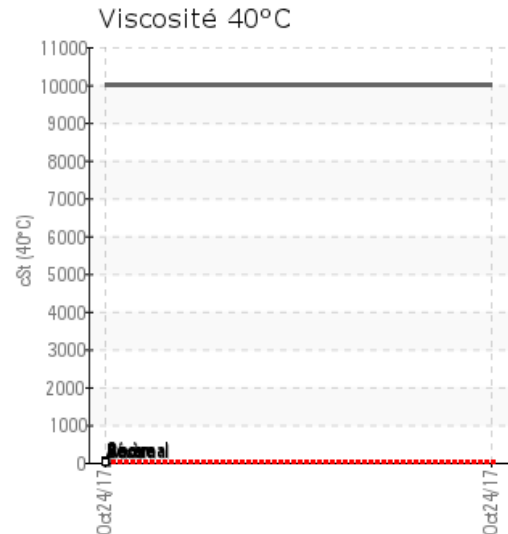
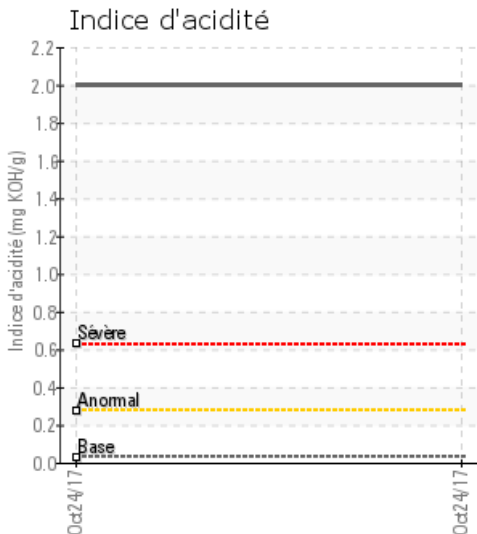
## HUILE ST-NAZAIRE

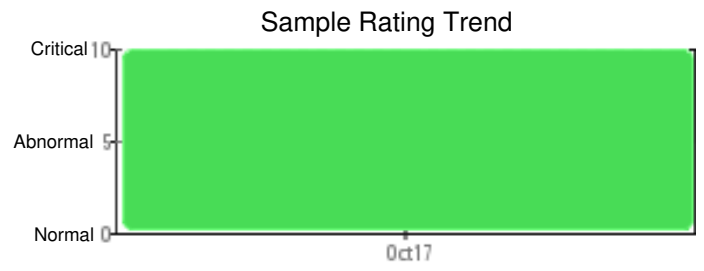
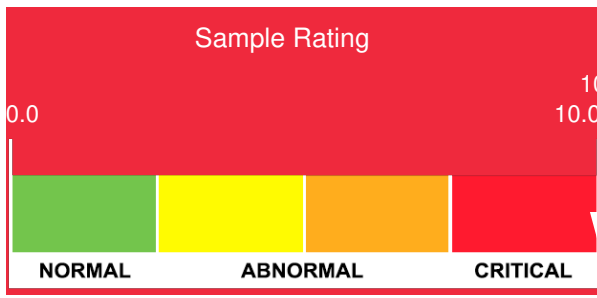
Customer: PTRHTF30106	System Information	Sample Information
<b>SINTRA</b> 4000 CHEMIN DES SABLES SAGUENAY, QC G7N 1L7 Canada Attn: Regis Milliard Tel: E-Mail: rmilliard@sintra.ca	System Volume: 600 ltr Bulk Operating Temp: 380F / 193C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: POWER FLAMME	Lab No: 02180836 Analyst: Claude Bureau Sample Date: 10/24/17 Received Date: 11/07/17 Completed: 12/12/17 To discuss this report contact Claude Bureau at (438)863-7577

Recommandation: Veuillez noter que le fluide était trop épais pour permettre d'effectuer certains des tests habituels de laboratoire. Le fluide n'est plus en état d'opération. SVP vidanger le système et nettoyer celui-ci.

Comments: Légère quantité de plomb détectée Les insolubles aux pentane sont très élevées. La quantité de soufre est très élevée. L'acidité de l'huile est élevée par rapport à la valeur typique. Le fluide est oxy-polymérisé et ne devrait plus servir.

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	%
10/24/17	11/07/17	5y	RESERVOIR BOUILLLOIRE		132.6	>10000	2.00	8.32				
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
10/24/17	34	0	0	0	3	24	0	0	0	0	1	18	0	0	0	0	0	4	1	0	0	0	1	12
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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