

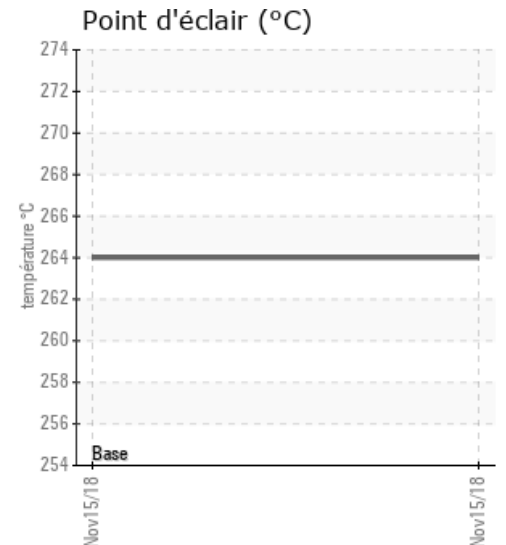
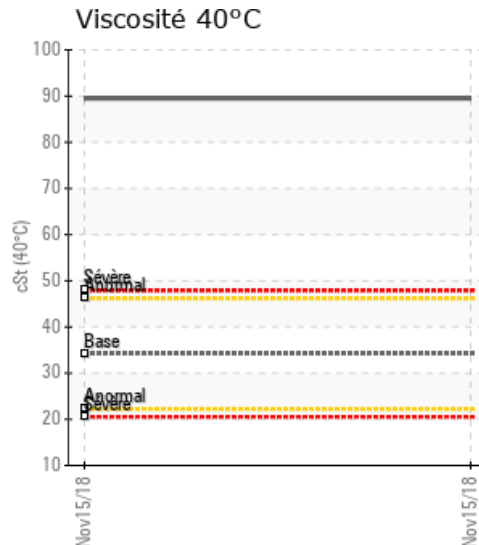
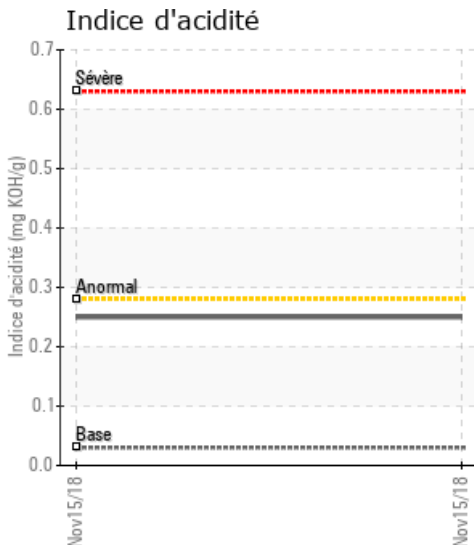
## SHERBROOKE

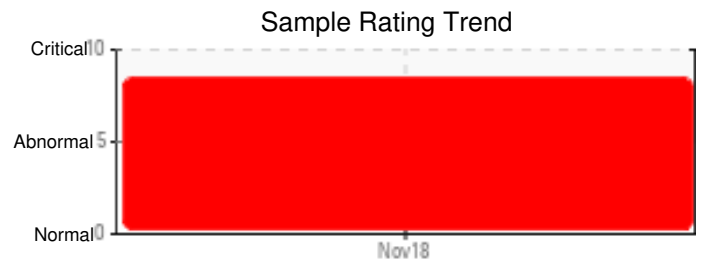
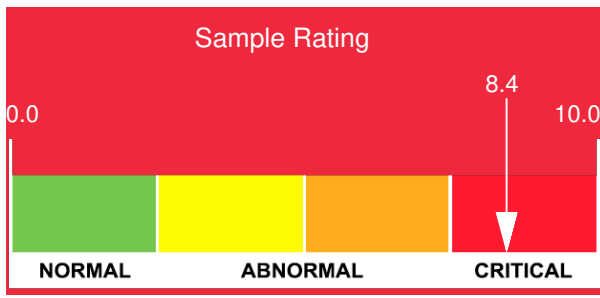
Customer: PTRHTF30124	System Information	Sample Information
SINTRA INC. REGION ESTRIE 3650 CH. DUNANT NORTH HATLEY, QC J0B 2C0 Canada Attn: Luc Couture Tel: (819)569-6337 E-Mail: lcouture@sintra.ca	System Volume: 3000 ltr Bulk Operating Temp: 368F / 187C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: HEATEC	Lab No: 02258955 Analyst: Pierre Castagne Sample Date: 11/15/18 Received Date: 12/21/18 Completed: 01/16/19

Recommendation: Il y a trace de bitume dans l'huile. Le point éclair est élevés. Les insolubles au pentane sont élevés, la viscosité, les fractions légères (GCD@10%) ainsi que les fractions lourdes (GCD@90%) sont très élevées. Les fractions lourdes augmente la viscosité et favorise les dépôts de carbone. Recommandation: vidanger le fluide, nettoyer et rincer le système. remplir avec une nouvelle charge de Petro-Therm32.

Comments:

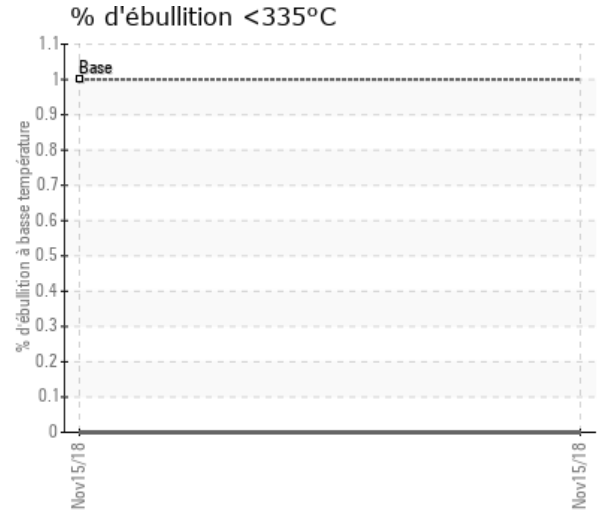
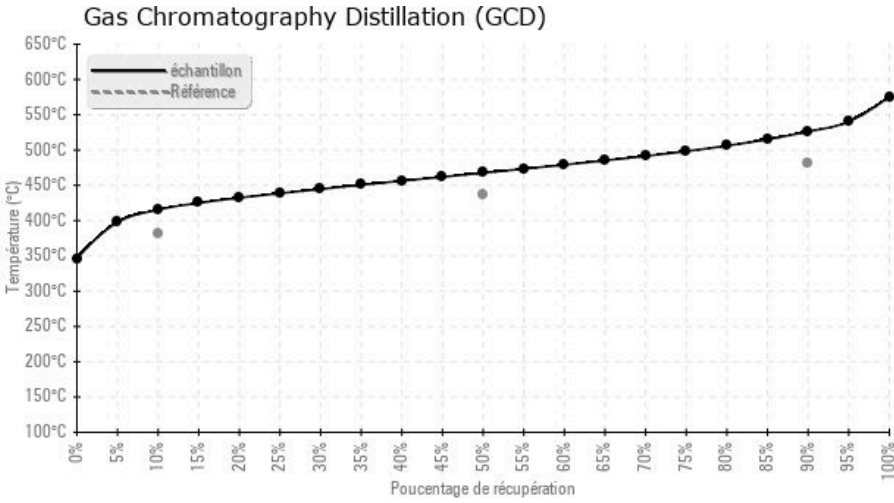
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
11/15/18	12/21/18	0y		507 / 264	26.6	89.5	0.25	0.454	780 / 415	874 / 468	979 / 526	0.00
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
11/15/18	60	0	0	1	12	10	1	0	0	0	2	7	0	0	0	0	1	0	0	0	10	0	4	14
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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