

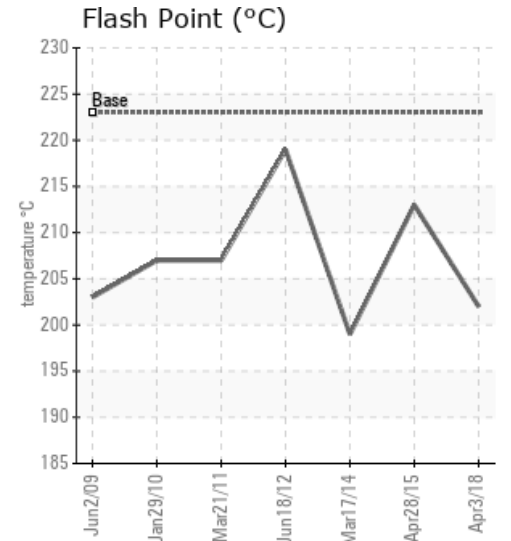
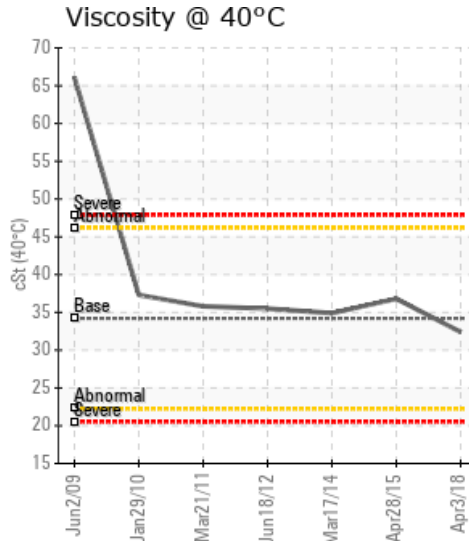
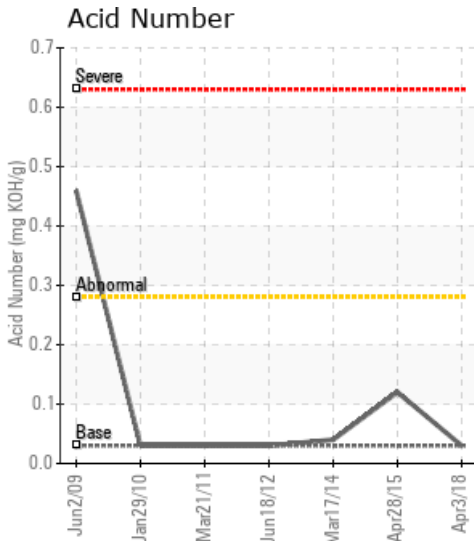
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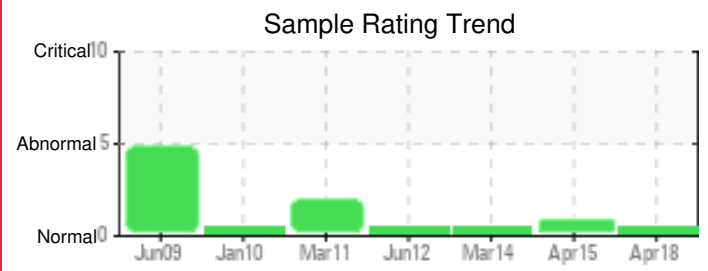
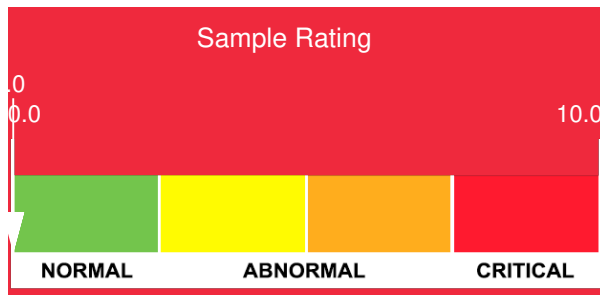
Customer: PTRHTF30038	System Information	Sample Information
BUILDING PRODUCTS OF CANADA 9510 ST PATRICK STREET LASALLE, QC H8R 1R9 CANADA Attn: Samuel Denault Tel: (514)364-7550 E-Mail: SDENAULT@BPCAN.COM	System Volume: 203 ltr Bulk Operating Temp: 246F / 119C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: ELEMENT ELECTRIQUE	Lab No: 02214062 Analyst: Pierre Castagne Sample Date: 04/03/18 Received Date: 05/03/18 Completed: 05/07/18 To discuss this report contact Pierre Castagne at 450-981-0693

Recommendation: Reprendre un échantillon à intervalle normal

Comments:

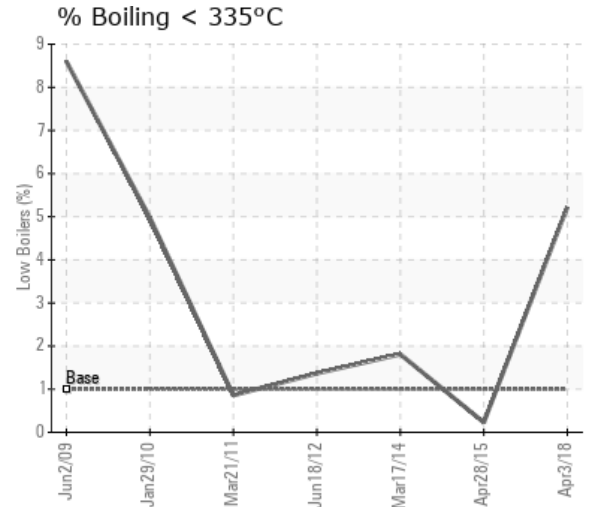
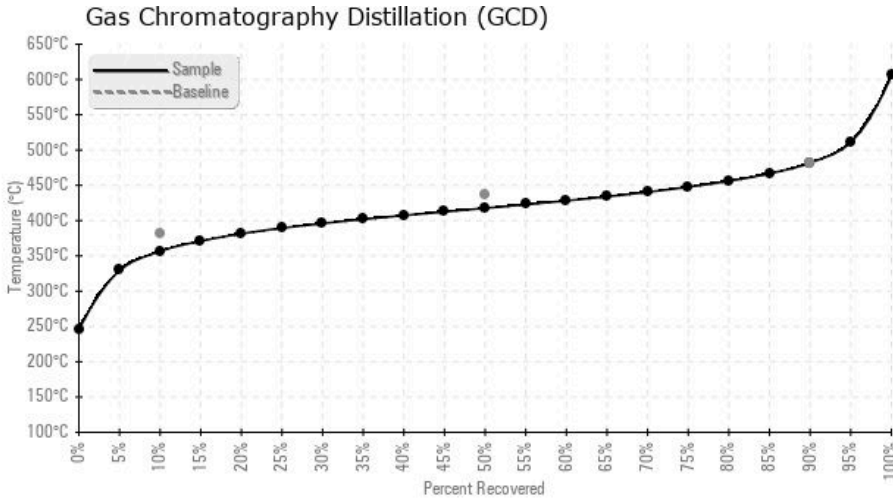
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
04/03/18	05/03/18	0y		396 / 202	11.6	32.4	0.03	0.142	674 / 357	784 / 418	899 / 482	5.22
04/28/15	05/01/15	1y	2 VALVES PANNE ADHES	415 / 213	13.2	36.8	0.12	0.208	718 / 381	814 / 434	930 / 499	0.23
03/17/14	03/21/14	1y		390 / 199	16.5	34.9	0.04	0.293	711 / 377	810 / 432	911 / 489	1.81
06/18/12	07/12/12			426 / 219	14	35.5	0.03	0.038	711 / 377	802 / 428	899 / 481	1.367
03/21/11	04/04/11		UNDER THE RESERVOIR	405 / 207	18	35.8	0.03	0.078	725 / 385	818 / 437	926 / 497	0.858
01/29/10	04/01/10			405 / 207	16	37.3	0.03	0.275	684 / 362	798 / 425	894 / 479	4.98
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
04/03/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04/28/15	2	0	0	1	0	0	0	4	0	0	4	2	0	0	0	0	0	0	0	0	4	0	0	0
03/17/14	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
06/18/12	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5	0
03/21/11	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5	0
01/29/10	2	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	
04/28/15	Les fractions lourdes sont élevées (GCD 90%). (GCD) 90% Distillation Point is abnormally high.
03/17/14	L'huile caloporteuse est en bonne condition. Nous recommandons de re-echantillonner dans un an
06/18/12	Les proprietes de l'huile semblent normales. Le point d'eclair est semblable a l'huile neuve, viscosite est normale, le nombre d'acidite est tres bas. SVP continuez a echantillonner les systems regulierement.
03/21/11	
01/29/10	L'huile caloporteuse est en bonne condition. Nous recommandons de re-echantillonner vers la fin de 2010

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