

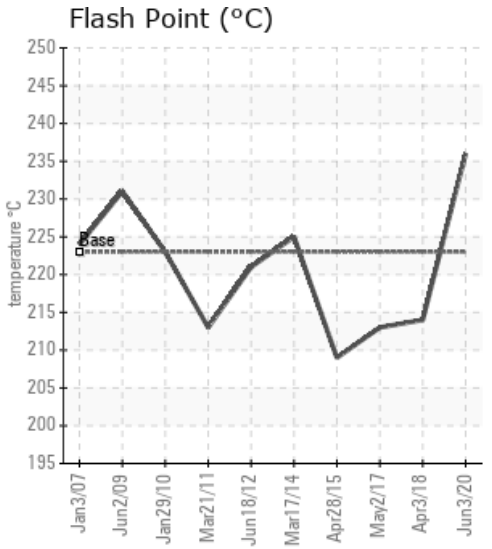
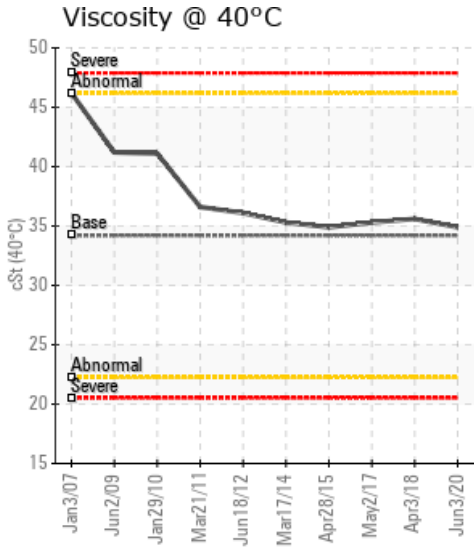
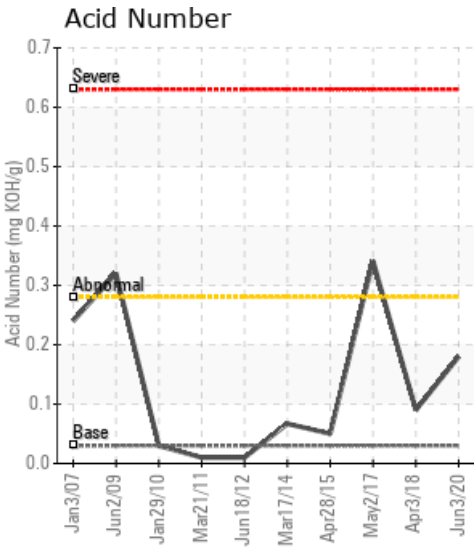
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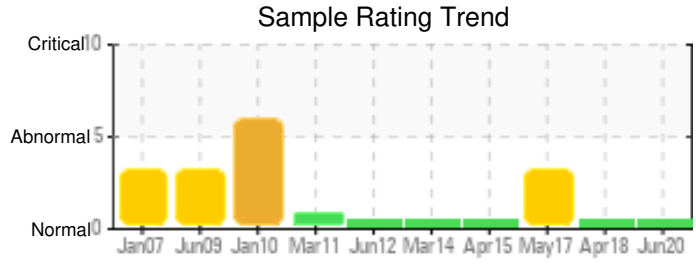
Customer: PTRHTF30038	System Information	Sample Information
BUILDING PRODUCTS OF CANADA 9510 ST PATRICK STREET LASALLE, QC H8R 1R9 Canada Attn: Jonathan Veronneau Tel: E-Mail: jveronneau@bpcan.com	System Volume: 1215 ltr Bulk Operating Temp: 238F / 114C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: ACME	Lab No: 02357796 Analyst: Pierre Castagne Sample Date: 06/03/20 Received Date: 06/04/20 Completed: 06/08/20 Pierre Castagne pierre.castagne@petrocanadalsp.com

Recommendation: Il y a présence de soufre, assurez-vous de faire tout transvasage du fluide caloporteur à partir d'une pompe dédié à cet effet. L'huile est OK, pour usage continu. Reprendre un échantillon à la date prévue.

Comments:

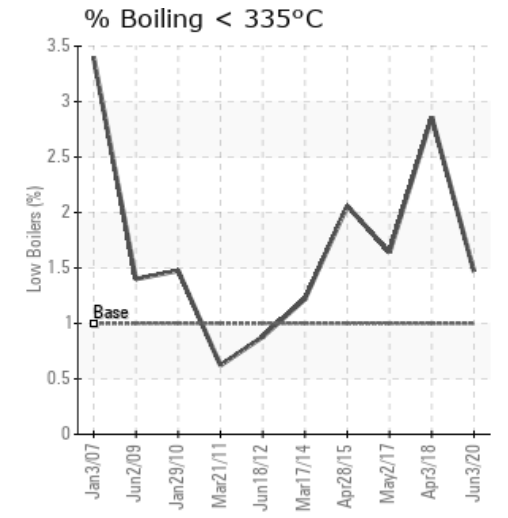
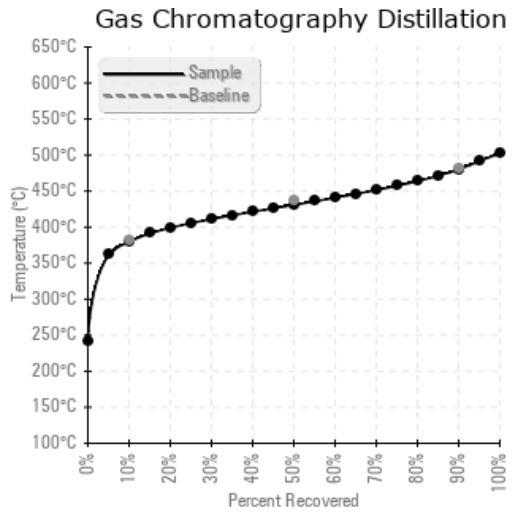
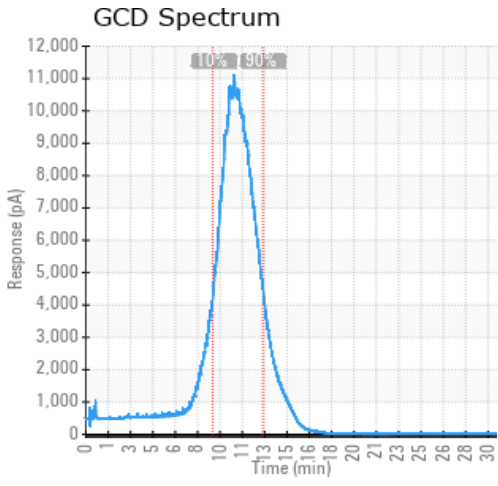
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
06/03/20	06/04/20	3m	CIRCUIT	457 / 236	6.9	34.9	0.18	0.123	715 / 380	807 / 431	896 / 480	1.47
04/03/18	05/03/18	0m		417 / 214	4.8	35.6	0.09	0.250	700 / 371	803 / 428	910 / 488	2.86
05/02/17	05/12/17	0m	LIGNE DE PRESSION	415 / 213	17.2	35.3	0.341	0.149	714 / 379	815 / 435	926 / 497	1.64
04/28/15	05/01/15	1m	VLV SUR TUYAN ENT PP	408 / 209	6.7	34.9	0.05	0.082	706 / 375	809 / 432	923 / 495	2.06
03/17/14	03/21/14	1m		437 / 225	10.9	35.3	0.067	0.141	715 / 379	814 / 434	917 / 492	1.22
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
06/03/20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04/03/18	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05/02/17	1	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	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/17/14	2	0	0	0	0	0	0	0	0	0	0	1	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

04/03/18	Reprendre un échantillon à intervalle normal.
05/02/17	L'acidité est élevée, les Fractions Lourdes GCD @90%) sont élevés, une augmentation des Fractions Lourdes engendre une augmentation de la viscosité et favorise la formation de dépôt de carbone. Acid Number (AN) is abnormally high. (GCD) 90% Distillation Point is marginally high.
04/28/15	Les fractions lourdes sont légèrement élevé (GCD 90%) (GCD) 90% Distillation Point is marginally high.
03/17/14	Les propriétés de l'huile semblent normales. SVP continuez à échantillonner les systèmes régulièrement

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