

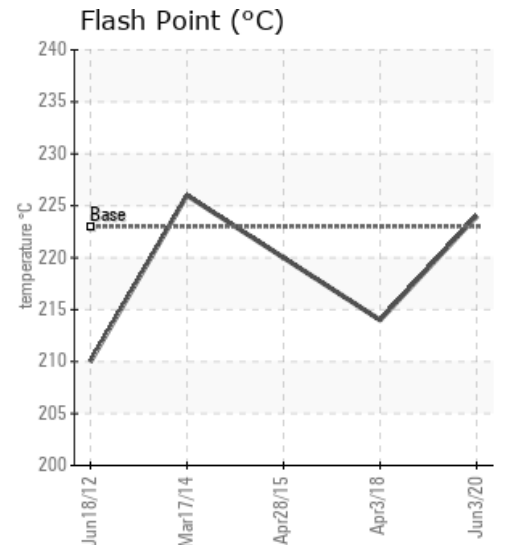
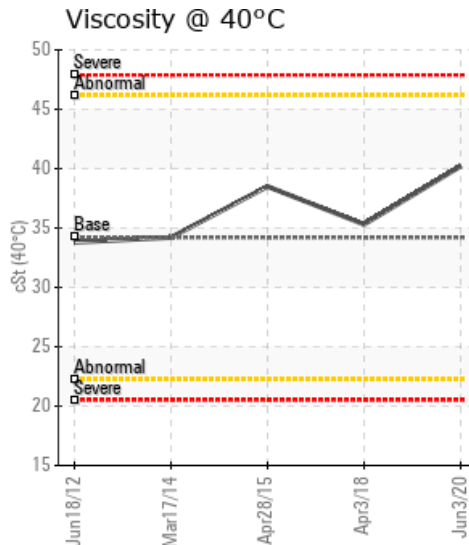
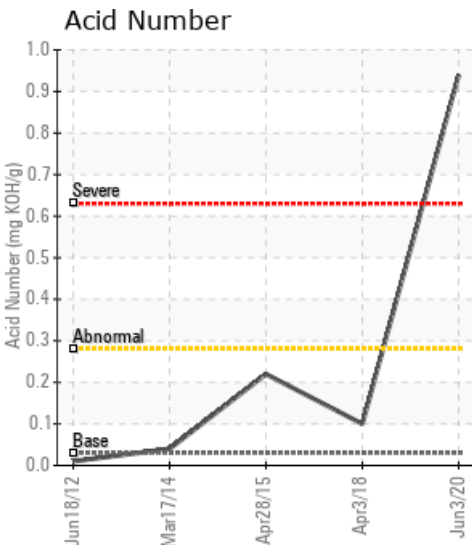
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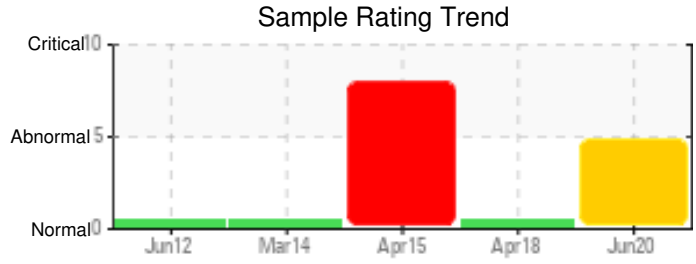
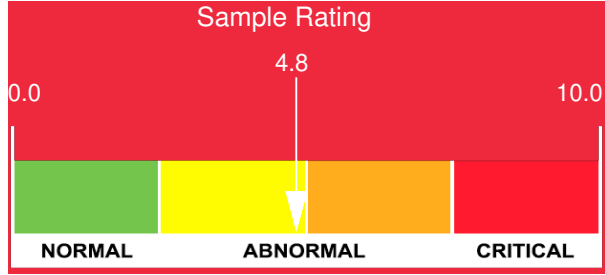
Customer: PTRHTF30038	System Information	Sample Information
BUILDING PRODUCTS OF CANADA 9510 ST PATRICK STREET LASALLE, QC H8R 1R9 Canada Attn: Jonathan Veronneau Tel: E-Mail: jveronneau@bpcan.com	System Volume: 304 ltr Bulk Operating Temp: 246F / 119C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make:	Lab No: 02357795 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 contaminant dans l'huile, l'Indice d'acidité est élevé, les insolubles sont élevés. Filtrer les contaminants et reprendre un échantillon. Il y a présence de soufre dans l'huile, assurez-vous de faire tout transvasage du fluide caloporteur à partir d'une pompe dédiée à cet effet.

Comments:

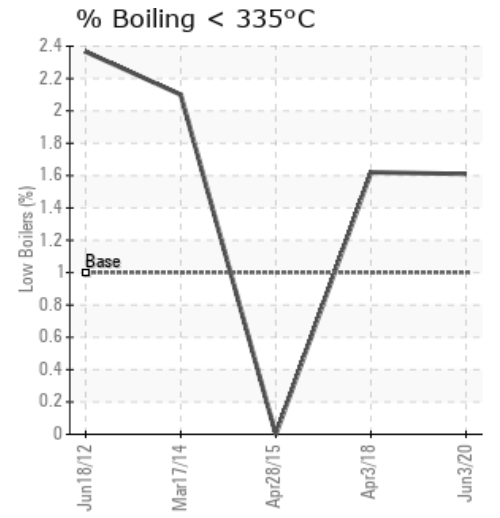
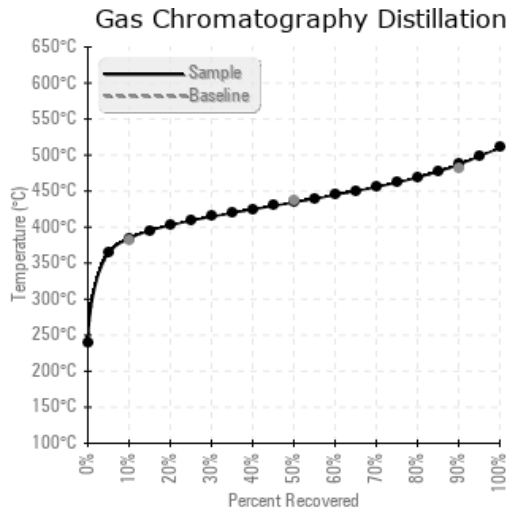
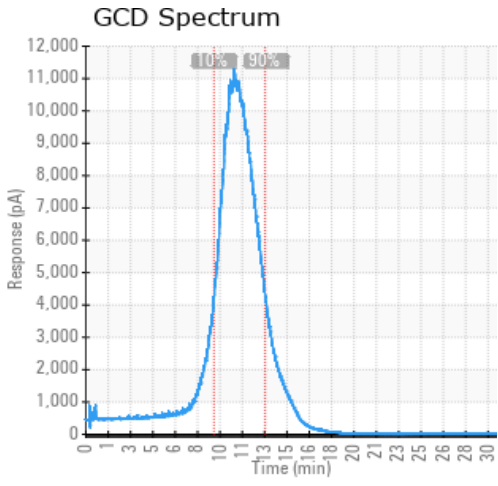
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
06/03/20	06/04/20	3m	BASSIN	435 / 224	39.4	40.2	0.94	0.617	723 / 384	814 / 434	908 / 487	1.61
04/03/18	05/03/18	0m		417 / 214	1.3	35.3	0.10	0.088	705 / 374	804 / 429	911 / 488	1.62
04/28/15	05/01/15	1m	VALVE ENDES RESERVR	428 / 220	1735.1	38.5	0.22	0.180	721 / 383	813 / 434	916 / 491	0.00
03/17/14	03/21/14	1m		439 / 226	26.1	34.2	0.04	0.158	710 / 377	812 / 434	918 / 492	2.10
06/18/12	07/12/12			410 / 210	16	33.8	0.01	0.044	709 / 376	801 / 427	900 / 482	2.366
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04/03/18	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0
06/18/12	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	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
04/28/15	Il y a un contamination sévère d'eau, nous vous suggérons d'identifier la source d'eau, de ventiler et de reprendre un échantillon afin de vérifier la présence d'eau ppm Water contamination levels are severely high. Water contamination levels are severely high.
03/17/14	Les propriétés de l'huile semblent normales. SVP continuez a échantillonner les systèmes régulièrement
06/18/12	Les propriétés de l'huile semblent normales. Le point d'éclair est semblable a l'huile neuve, viscosité est normale, le nombre d'acidité est très bas. SVP continuez a échantillonner les systèmes régulièrement.

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