

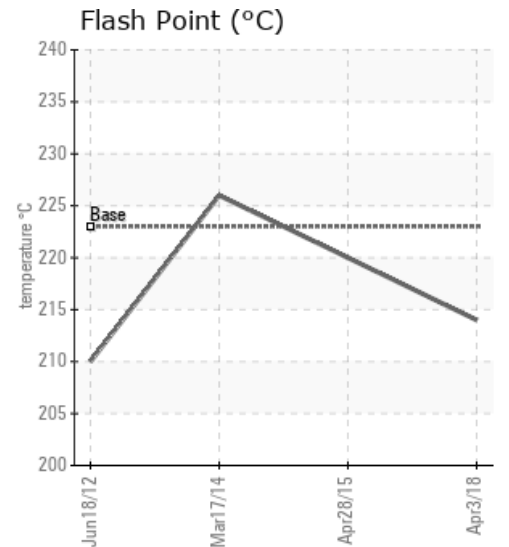
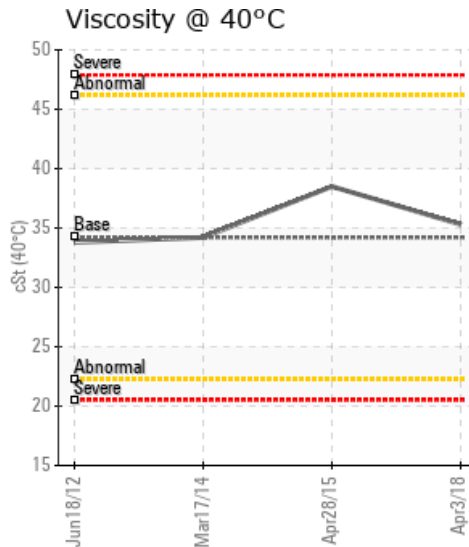
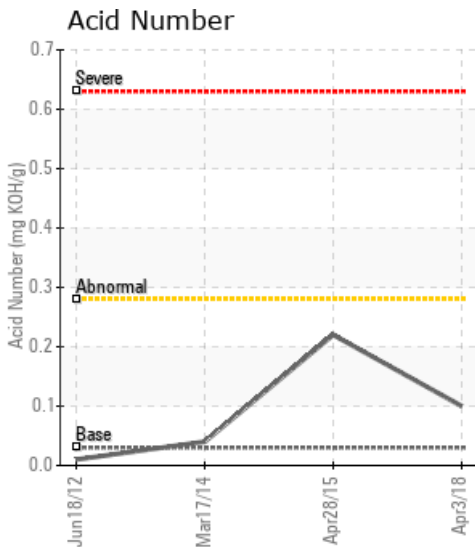
2D35-RE-01

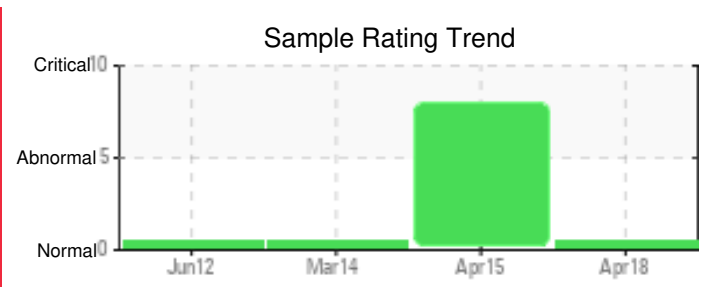
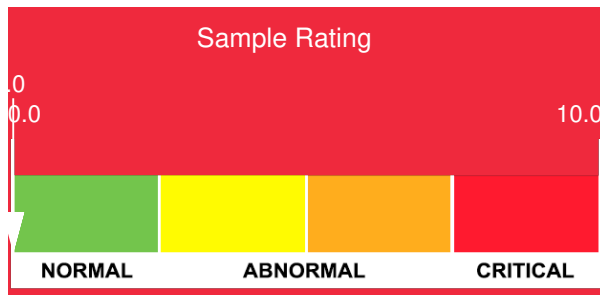
Customer: PTRHTF30038	System Information	Sample Information
BUILDING PRODUCTS OF CANADA 9510 ST PATRICK STREET LASALLE, QC H8R 1R9 CANADA Attn: Samuel Denault Tel: (514)364-7550 E-Mail: SDENAULT@BPCAN.COM	System Volume: 304 ltr Bulk Operating Temp: 246F / 119C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make:	Lab No: 02214065 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:

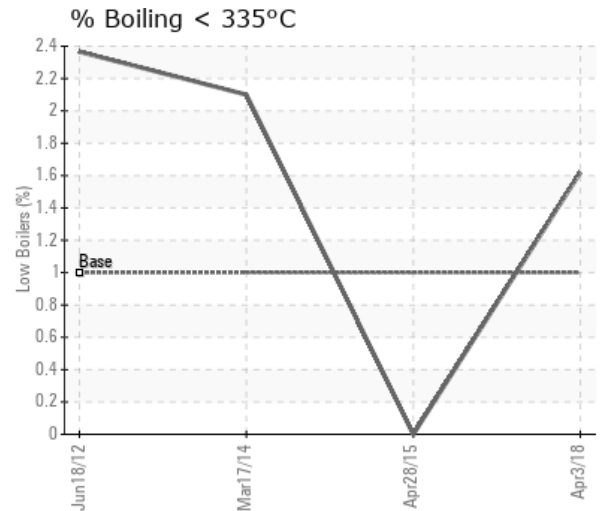
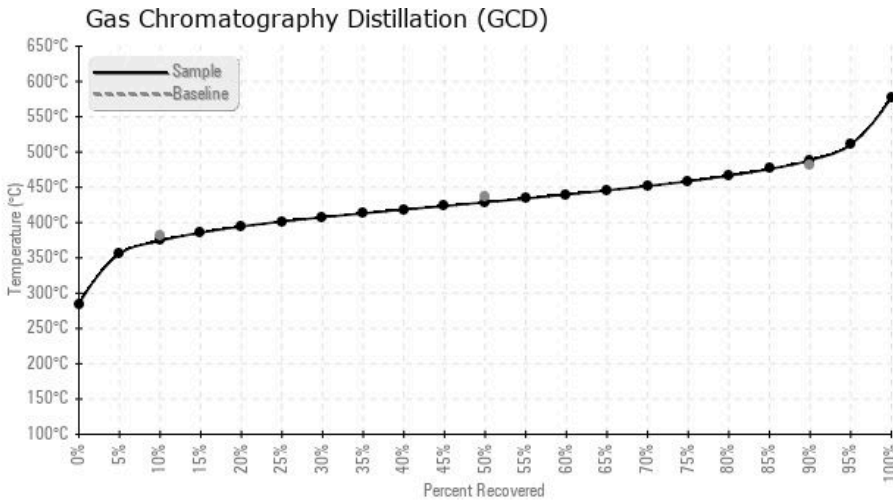
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
04/03/18	05/03/18	0y		417 / 214	1.3	35.3	0.10	0.088	705 / 374	804 / 429	911 / 488	1.62
04/28/15	05/01/15	1y	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	1y		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
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	
04/28/15	Il y a un contamination sévère d'eau, nous vous suggérons d'identifier la source d'eau, de ventiller 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.

Petro-Canada makes no representation or warranty of any kind, either express or implied, as to the accuracy or completeness of the analysis and assumes no responsibility and shall have no liability whatsoever with respect to such analysis, or a party's use of it. Petro-Canada is a division of HollyFrontier Corporation.