

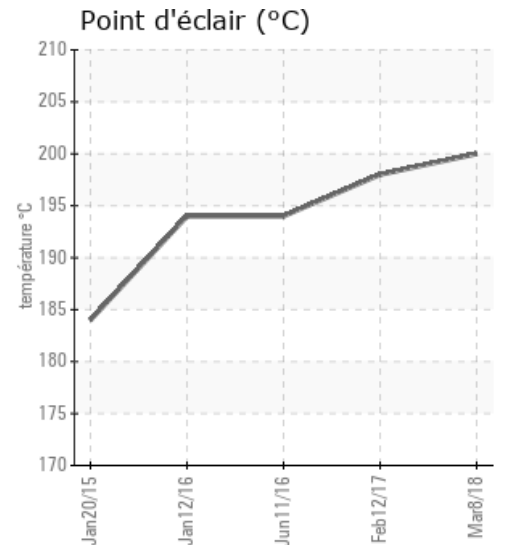
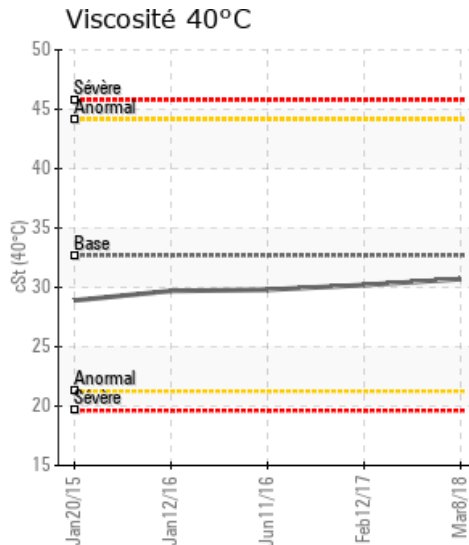
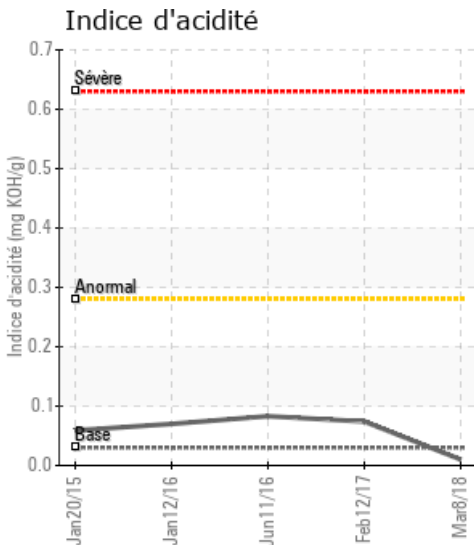
MISE EN CIRCULATION DU FLUIDE 2510812014

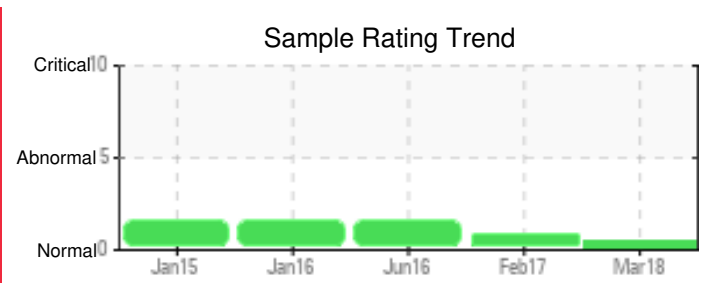
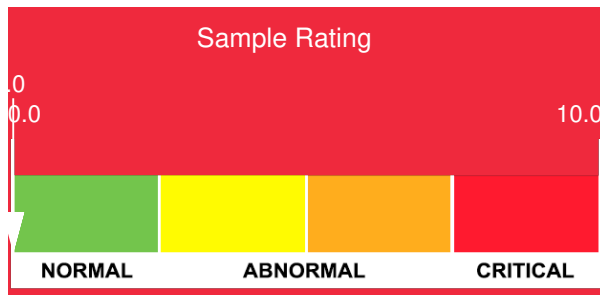
Customer: PTRHTF40115	System Information	Sample Information
Polyrey - Ussel Les Petites Bordes Ussel Correze, 19200 France Attn: Olivier Letrange Tel: (055)546-3735 E-Mail: olivier.letrange@polyrey.com	System Volume: 3000 ltr Bulk Operating Temp: 439F / 226C Heating Source: Blanket: Fluid: PETRO CANADA CALFLO AF Make: CHAUFFERIE ANNESCE	Lab No: 02204998 Analyst: Philip Riley Sample Date: 03/08/18 Received Date: 03/20/18 Completed: 08/08/18 To discuss this report contact Philip Riley at (440)124-4378171

Recommendation: All parameters lie within normal limits. Fluid fit for further use

Comments:

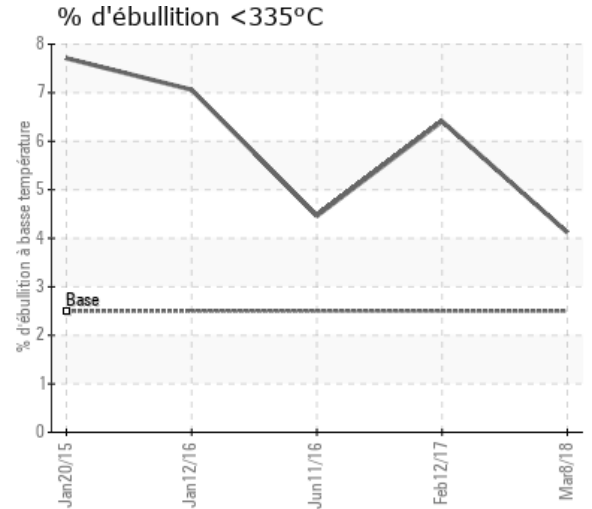
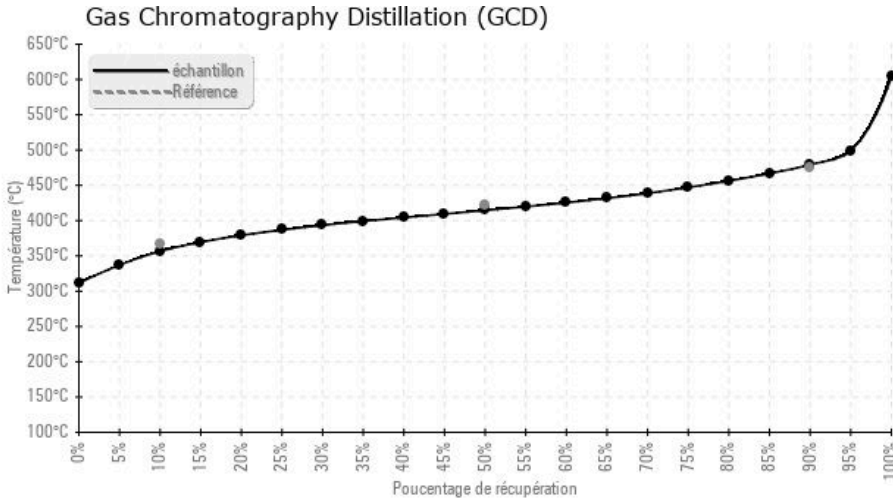
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
03/08/18	03/20/18	0m		392 / 200	3.5	30.7	0.01	0.077	674 / 357	778 / 415	895 / 479	4.12
02/12/17	02/22/17	30m		388 / 198	28.2	30.2	0.074	0.049	671 / 355	796 / 424	907 / 486	6.41
06/11/16	07/25/16	22m		381 / 194	44.2	29.8	0.083	0.035	685 / 363	798 / 425	915 / 491	4.46
01/12/16	01/13/16	0m		381 / 194	11.2	29.7	0.07	0.069	664 / 351	797 / 425	906 / 486	7.06
01/20/15	01/29/15	0m		363 / 184	19.4	28.9	0.059	0.034	658 / 348	801 / 427	913 / 489	7.71
Baseline Data				435 / 224		32.7	0.03		693 / 367	790 / 421	887 / 475	2.5





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
03/08/18	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0
02/12/17	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
06/11/16	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0
01/12/16	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01/20/15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Baseline Data			0	0						0			0	0					0					270

Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



Historical Comments

02/12/17	Oil appears to be in good condition and fit for further service. Suggest sample at next scheduled maintenance interval.
06/11/16	Oil appears to be in good condition and fit for further service. Suggest sample at next scheduled maintenance interval.
01/12/16	Oil appears to be in good condition and is fit for further service. Recommend sample at next scheduled maintenance interval.
01/20/15	There are some low boilers present. Oil is fit for further service, sample at next scheduled maintenance interval.

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