

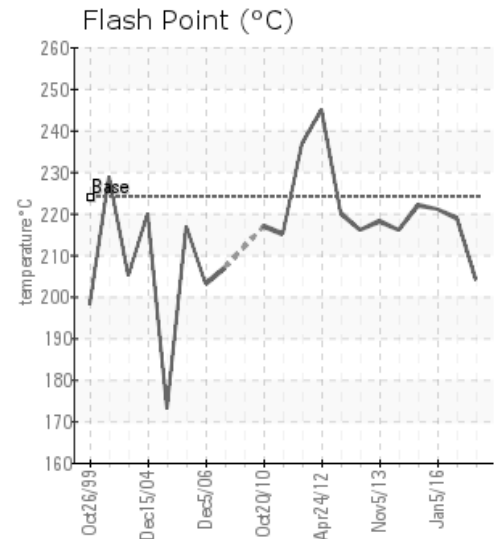
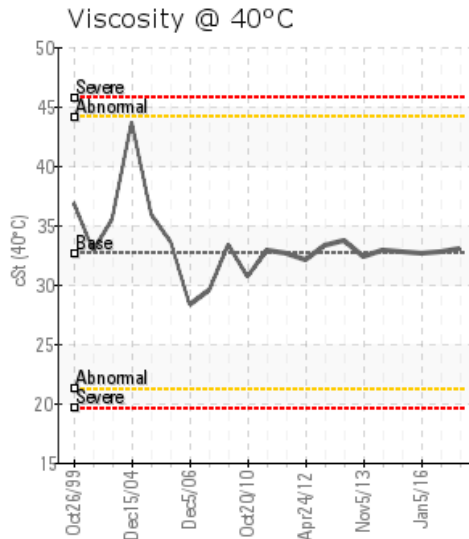
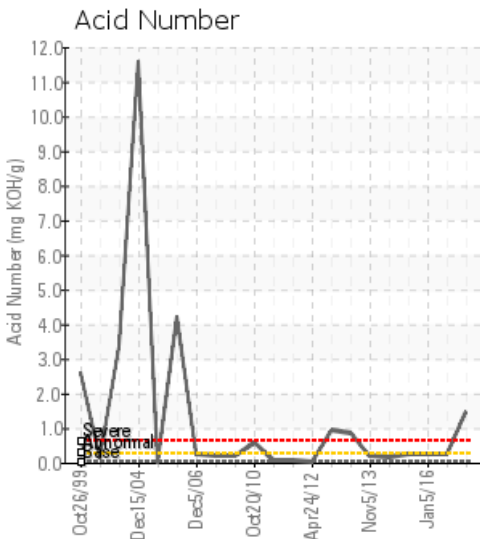
## [DREW@CELANESE] COMPOUNDING PRODEX

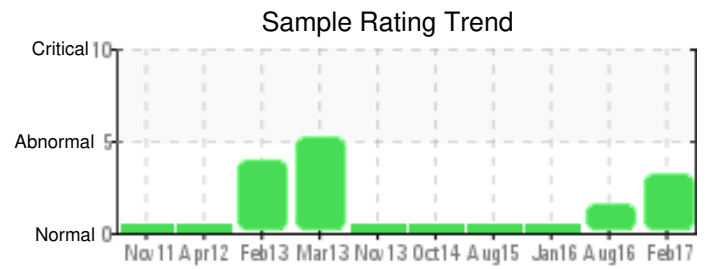
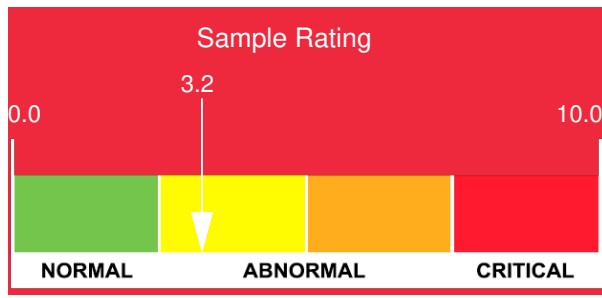
Customer: PTRHTF20087	System Information	Sample Information
Celanese Eva Performance Poly 4405-101 AVE. P.O. 428 EDMONTON, AB T5J 2K1 Canada Attn: Drew MacRae Tel: (780)468-8383 E-Mail: drew.macrae@celanese.com	System Volume: 0 ltr Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: PETRO CANADA CALFLO AF Make: N/A	Lab No: 02126687 Analyst: Gordon Susinski Sample Date: 02/07/17 Received Date: 02/09/17 Completed: 01/15/18 To discuss this report contact Gordon Susinski at (587)582-4118

Recommendation: The TAN result is well above normal limits. Due to the date of the sample, we request that you resample the system at your earliest convenience.

Comments: Acid Number (AN) is severely high.

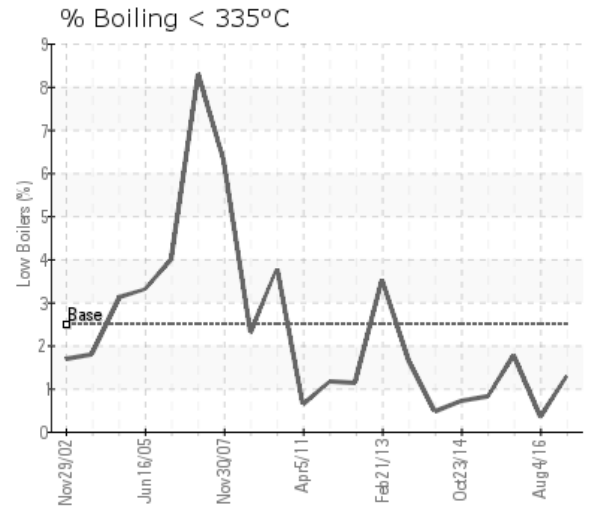
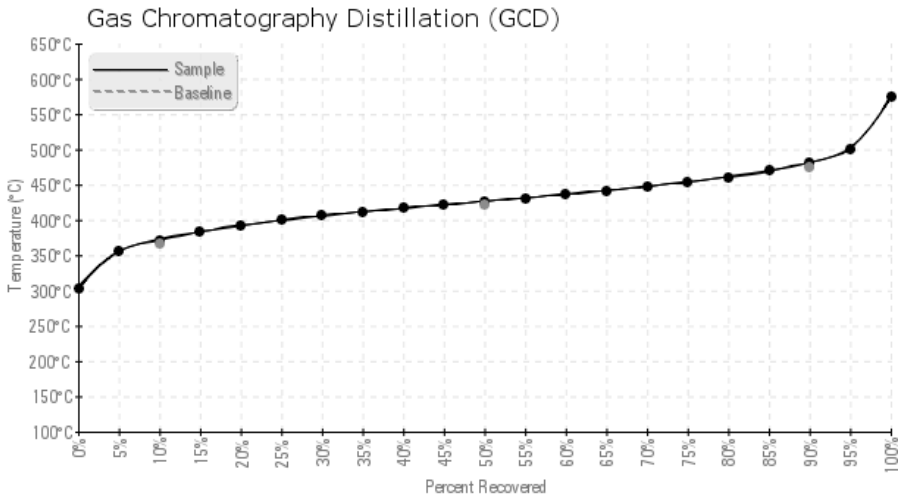
Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
02/07/17	02/09/17	6m	RESERVOIR	399 / 204	62.3	33.1	1.47	0.029	701 / 372	799 / 426	899 / 481	1.30
08/04/16	08/05/16	0m	EXPANSION TANK	426 / 219	0.00	32.8	0.232	0.031	719 / 382	809 / 432	901 / 483	0.35
01/05/16	01/06/16	0m	TANK/DREW @ CELANESE	430 / 221	0.00	32.7	0.26	0.007	692 / 367	790 / 421	881 / 472	1.77
08/12/15	08/14/15	0m	TANK	432 / 222	7.2	32.8	0.25	0.038	701 / 372	801 / 427	900 / 482	0.81
10/23/14	11/07/14	0m		421 / 216	0.6	32.9	0.18	0.065	689 / 365	781 / 416	896 / 480	0.72
11/05/13	11/14/13	0m	DRAIN	424 / 218	24.4	32.4	0.20	0.170	706 / 374	796 / 425	891 / 477	0.48
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	
02/07/17	3	0	0	0	3	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	262	1	
08/04/16	0	0	0	0	3	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	277	1
01/05/16	0	0	0	0	0	0	1	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	274	0
08/12/15	0	0	0	0	0	0	1	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	270	0
10/23/14	0	0	0	0	0	0	2	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	264	0
11/05/13	3	0	0	0	1	0	1	0	0	0	3	2	0	0	0	0	0	0	1	0	0	0	0	275	1
<b>Baseline Data</b>			0	0						0			0	0					0					270	

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



Historical Comments	
08/04/16	Results are normal
01/05/16	Results appear normal. Resample at the next interval.
08/12/15	Oil is in good condition, please re-sample at next maintenance interval. I agree with the laboratories interpretation.
10/23/14	Fluid is in good condition, no action is required at this time. Please sample at the next scheduled interval.
11/05/13	We're not certain if an oil change occurred or a just a sweetening because the oil is still discolored. However we noticed the Acid Number has dropped. No action needed at this time based on these results. Everything else looks good too. Re-sample at next normal interval.

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