

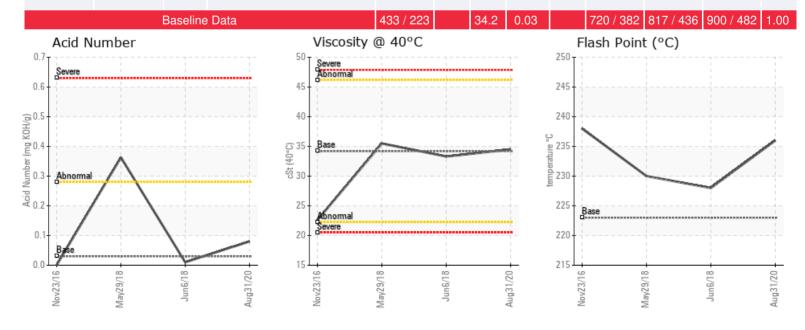
## [06-12-044-13W5] H-920

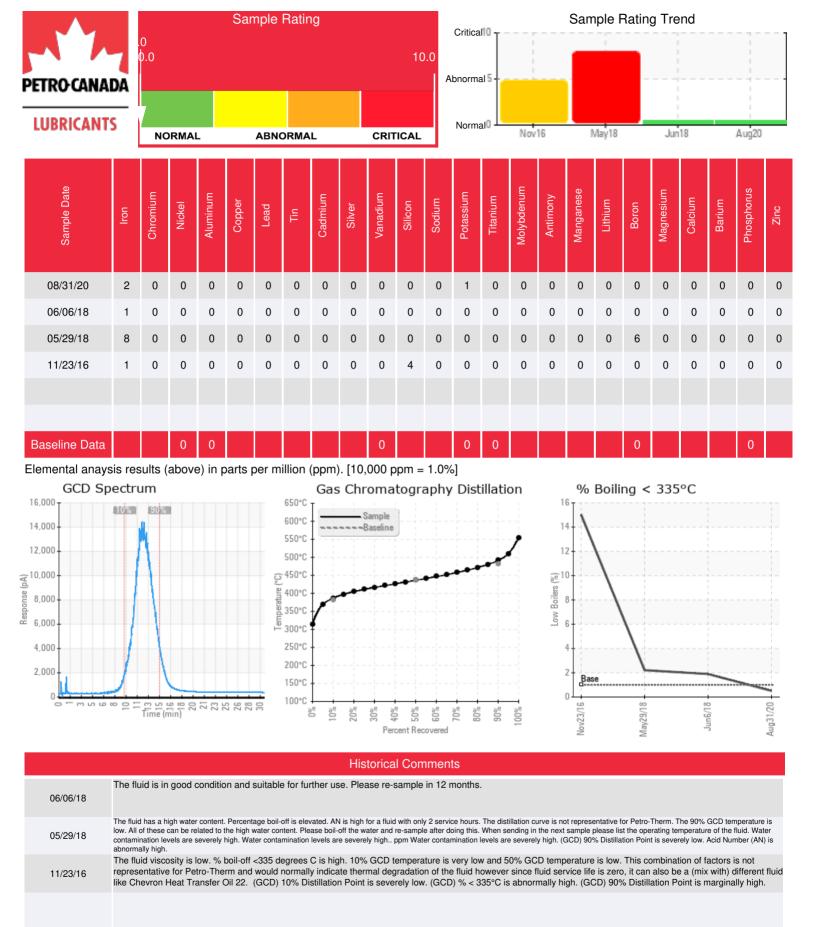
Customer: PTRHTF20227	System Information	Sample Information			
PEYTO EXPLORATION	System Volume: 500 ltr	Lab No: 02374013			
Box 7198	Bulk Operating Temp: 284F / 140C	Analyst: Terry Veenstra			
EDSON, AB T7E 1V4 Canada	Heating Source:	Sample Date: 08/31/20			
Attn: Cory Pambrun	Blanket:	Received Date: 09/03/20			
Tel: (780)712-0217	Fluid: PETRO CANADA PETRO-THERM	Completed: 09/08/20			
E-Mail: cpambrun@peyto.com	Make: ALCO	Terry Veenstra			
		terry.veenstra@petrocanadalsp.com			

Recommendation: Samples indicate that fluid is in good condition. Pentane Insolubles are low, Flash Point is high and GCD looks good. Resample in 6 months

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	%
08/31/20	09/03/20	7h	SIGHT GLASS LOWPOINT	457 / 236	0.00	34.5	0.08	0.036	727 / 386	817 / 436	916 / 491	0.50
06/06/18	06/08/18	2h	SIGHT GLASS	442 / 228	3.3	33.3	0.01	0.049	713 / 378	805 / 430	905 / 485	1.89
05/29/18	05/31/18	2h	REBOILER BOTTOMS	446 / 230	59360.8	35.5	0.363	0.239	679 / 359	767 / 409	863 / 461	2.21
11/23/16	11/28/16	0h	SITE GLASS	460 / 238	250.7	22.6	0.000	0.029	569 / 298	783 / 417	925 / 496	15.02





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