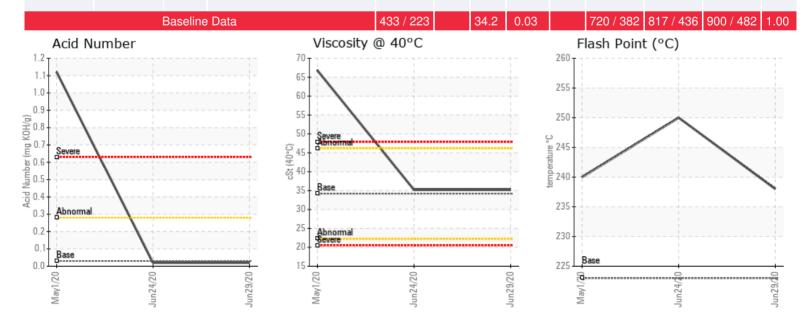


Quadra Chemicals	System Volume: 12069 ltr	Lab No: 02364499
700 4th Ave S.W Suite 470	Bulk Operating Temp: 376F / 191C	Analyst: Terry Veenstra
Calgary, AB T2P 3J4 Canada	Heating Source:	Sample Date: 06/29/20
Attn: Quadra Samples	Blanket:	Received Date: 07/14/20
Tel:	Fluid: PETRO CANADA PETRO-THERM	Completed: 07/16/20
E-Mail: quadra_samples@quadra.ca	Make: ALCO	Terry Veenstra
		terry.veenstra@petrocanadalsp.com

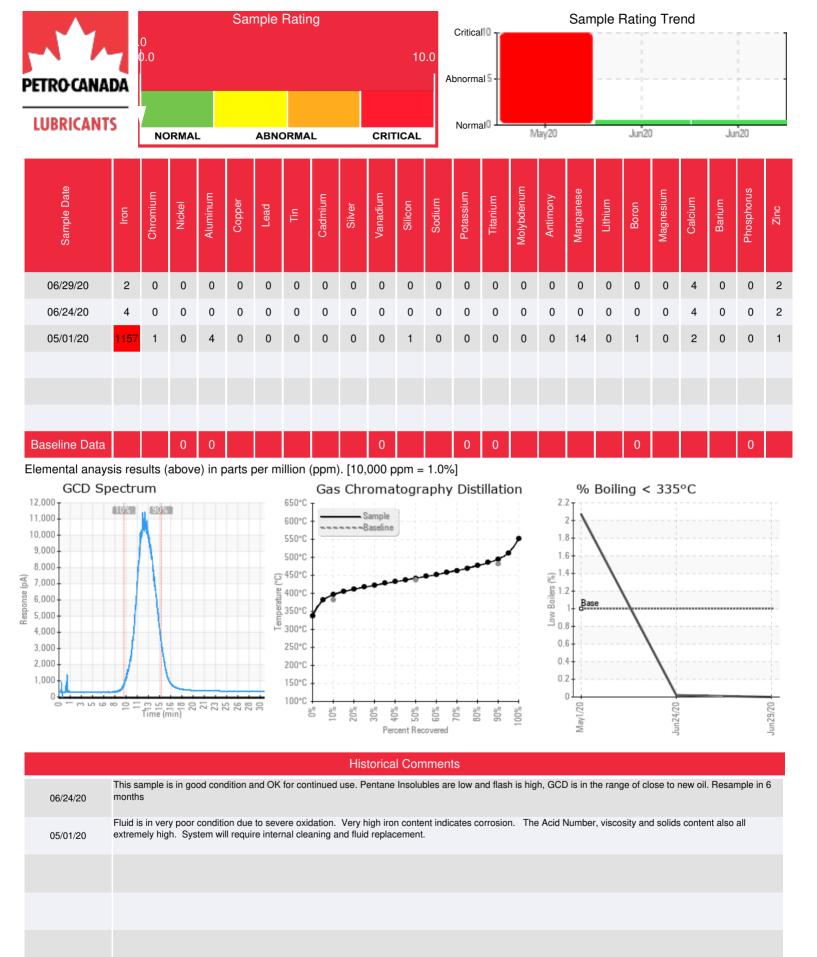
Recommendation: This sample is in good condition, Insolubles are low, Flashpoint is high, TAN is low. GCD is in the range of new oil. Resample in 6 months

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
m	nm/dd/yy			°F/°C	ppm	cSt	mg/KOH/ g	%wt	°F/°C	°F/°C	°F/°C	%
06/29/20 07	7/14/20	120h		460 / 238	92.0	35.2	0.02	0.047	744 / 396	827 / 442	923 / 495	0.00
06/24/20 07	7/14/20	0h		482 / 250	201.9	35.2	0.02	0.049	744 / 396	827 / 442	923 / 495	0.02
05/01/20 05	5/05/20	55h	SUCTION	464 / 240	192.0	66.8	1.12	2.52	733 / 390	833 / 445	932 / 500	2.07



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