

NORMAL

Sample Rating Trend



Machine Id
K603
Component
Reciprocating Compressor
Fluid
PETRO CANADA SENTRON LD SYNTHETIC BLEND (--- LTR)




OIL ANALYSIS REPORT

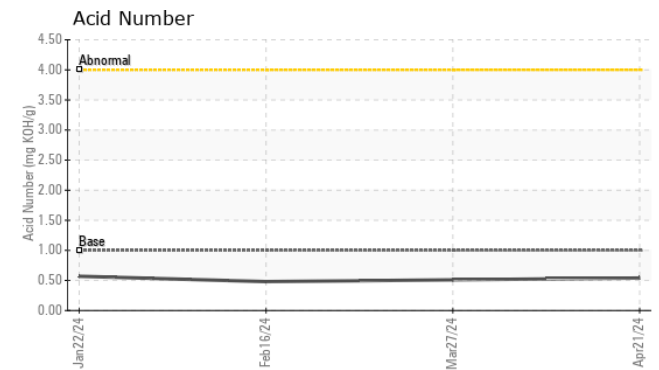
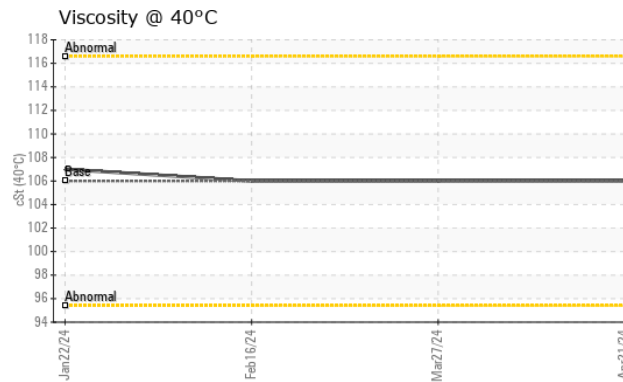
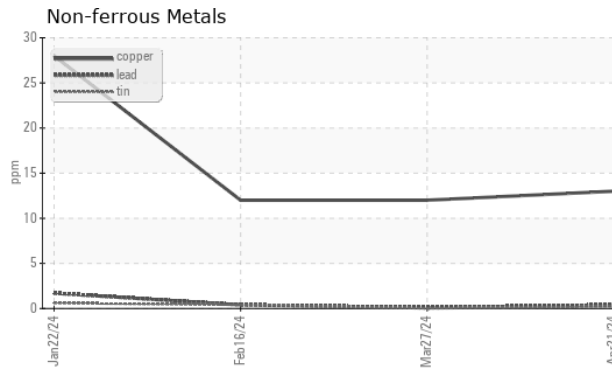
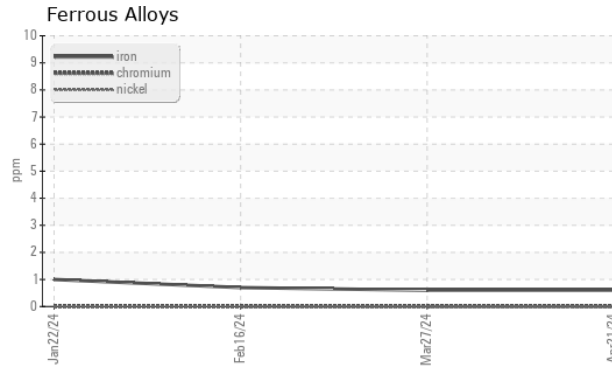
Sample		Wear Metals												Contaminants			Additives										
Sample Number	Sample Date	Iron	Chromium	Nickel	Titanium	Silver	Aluminum	Lead	Copper	Tin	Antimony	Vanadium	Beryllium	Cadmium	Silicon	Sodium	Potassium	Boron	Barium	Molybdenum	Manganese	Magnesium	Calcium	Phosphorus	Zinc	Sulfur	Lithium
		>50	>10				>25	>25	>50	>15					>25		>20	0	0	0	0	3	1402	246	305	2310	
PC0085513	21 Apr 2024	<1	0	0	0	0	<1	<1	13	<1	0	0	0	0	<1	<1	0	1	0	0	0	7	1303	241	289	2097	<1
PC0089504	27 Mar 2024	<1	0	0	0	0	1	<1	12	0	0	0	0	0	<1	<1	0	1	0	0	0	7	1301	243	291	2122	<1
PC0085504	16 Feb 2024	<1	0	0	0	<1	1	<1	12	<1	<1	0	0	0	1	<1	<1	1	0	<1	0	7	1307	248	290	2287	<1
PC0085487	22 Jan 2024	1	0	0	0	0	2	2	28	<1	0	0	0	0	2	<1	<1	1	0	<1	0	8	1346	264	305	2438	<1

Sample					Physical Tests						Other Tests											
Sample Number	Machine Age	Oil Age	Oil Changed	Filter Changed	Visc @ 40°C	Visc @ 100°C	Viscosity Index (VI)	Water	Glycol	Fuel	Oxidation(Diff)	Nitration(Diff)	Sulfation(Diff)	Acid Number (AN)	Base Number (BN)	Particles >4µm	Particles >6µm	Particles >14µm	Oil Cleanliness			
	hrs	hrs		---	106.0	15.6	153	>0.1	---	---	< 25	< 25		1.0	---	>1300	>640	>160	>17/16/14	---	---	
PC0085513	0	0	N/A	---	106	15.1	149	0.009	---	---	2	0.5	1	0.54	---							
PC0089504	28977	27655	N/A	---	106	15.2	150	0.003	---	---				0.51	---	317	69	9	15/13/10	---	---	
PC0085504	28238	0	Not Changed	---	106	15.1	149	0.008	---	---				0.48	---	240	79	11	15/13/11	---	---	
PC0085487	27655	0	Changed	---	107	15.2	149	0.002	---	---	2.1	0.7	1.1	0.57	---	245	72	9	15/13/10	---	---	
				---					---	---					---					---	---	
				---					---	---					---					---	---	

Recommendations	
21 Apr 2024	Resample at the next service interval to monitor.
27 Mar 2024	Resample at the next service interval to monitor.

Interpretation	
21 Apr 2024	All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.
27 Mar 2024	All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sample Date	Color	Bottom
21 Apr 2024		
27 Mar 2024		
16 Feb 2024		
22 Jan 2024		
	no image	no image
	no image	no image



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0085513 **Received** : 22 Apr 2024
Lab Number : **02630557** **Tested** : 29 Apr 2024
Unique Number : 5763689 **Diagnosed** : 01 May 2024 - Bill Quesnel
Test Package : PLANT (Additional Tests: FT-IR, FT-IR(Diff), KF, KV100, PQ, TAN Man, VI)

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

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