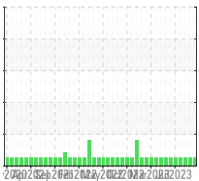


NORMAL

Sample Rating Trend



Machine Id
K610
Component
Reciprocating Compressor
Fluid
PETRO CANADA SENTRON LD 3000 (--- LTR)



OIL ANALYSIS REPORT

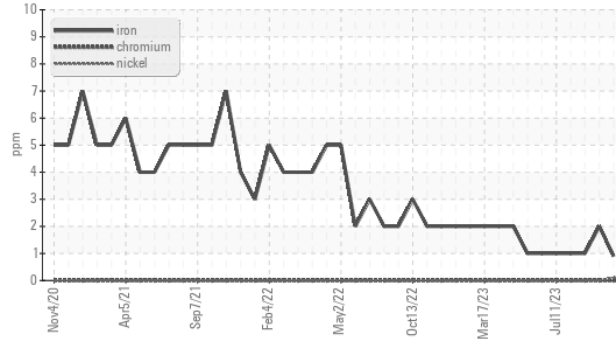
Sample		Wear Metals												Contaminants			Additives										
Sample Number	Sample Date	Iron	Chromium	Nickel	Titanium	Silver	Aluminum	Lead	Copper	Tin	Antimony	Vanadium	Beryllium	Cadmium	Silicon	Sodium	Potassium	Boron	Barium	Molybdenum	Manganese	Magnesium	Calcium	Phosphorus	Zinc	Sulfur	Lithium
		>50	>10				>25	>25	>50	>15					>25		>20	5	1	2	1	5	1220	298	350	1995	
PC0085484	17 Jan 2024	<1	0	<1	0	<1	1	<1	10	<1	0	0	0	0	1	<1	1	1	0	<1	0	7	1220	261	295	2108	<1
PC90000473	31 Oct 2023	2	0	0	0	0	2	0	15	0	0	0	0	0	2	1	0	1	0	0	0	7	1293	295	335		0
PC90000456	11 Sep 2023	1	0	0	0	0	1	0	14	0	0	0	0	0	1	0	0	1	0	0	0	7	1254	269	323		0
PC90000469	18 Aug 2023	1	0	0	0	0	1	0	13	0	0	0	0	0	1	0	0	2	0	0	0	6	1194	279	312		0
PC90000484	11 Jul 2023	1	0	0	0	0	0	0	10	0	0	0	0	0	3	0	0	2	0	0	0	11	1213	303	324		0
PC90000467	16 Jun 2023	1	0	0	0	0	1	0	9	0	0	0	0	0	1	0	0	1	0	0	0	8	1180	277	330		0

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		---	124.3	13.7	106	>0.1	---	---	< 25	< 25		0.86	---	>1300	>640	>160	>17/16/14	---	---		
PC0085484	18212	3000	Changed	---	118	13.1	105	0.003	---	---	1.3	0.4	0.7	0.17	---	211	56	5	15/13/10	---	---		
PC90000473	16657	2236	Changed	---	118	13.1	105		---	---				---							---	---	
PC90000456	16219	1798	Not Changed	---	118	13.23	107		---	---				---								---	---
PC90000469	15837	1416	Not Changed	---	118	13.11	105		---	---				---								---	---
PC90000484	15099	678	Not Changed	---	118	12.94	102		---	---				---								---	---
PC90000467	14847	426	Not Changed	---	118	13.06	104		---	---				---								---	---

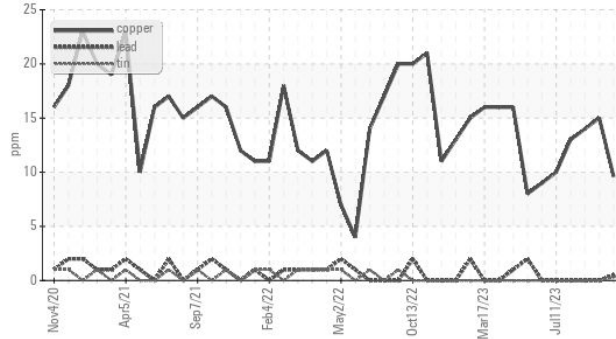
Recommendations		Interpretation	
17 Jan 2024	Resample at the next service interval to monitor.	17 Jan 2024	All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.
31 Oct 2023	Resample at the next service interval to monitor.	31 Oct 2023	All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Sample Date	Color	Bottom
17 Jan 2024		
31 Oct 2023	no image	no image
11 Sep 2023	no image	no image
18 Aug 2023	no image	no image
11 Jul 2023	no image	no image
16 Jun 2023	no image	no image

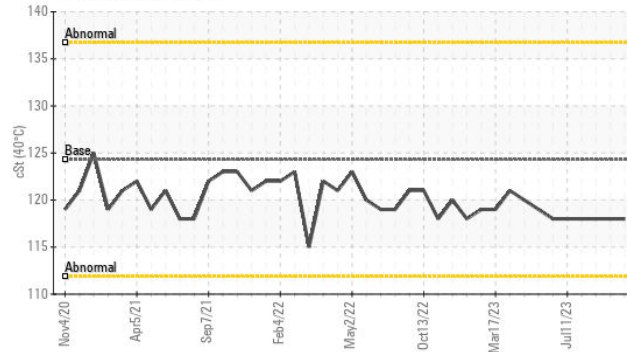
Ferrous Alloys



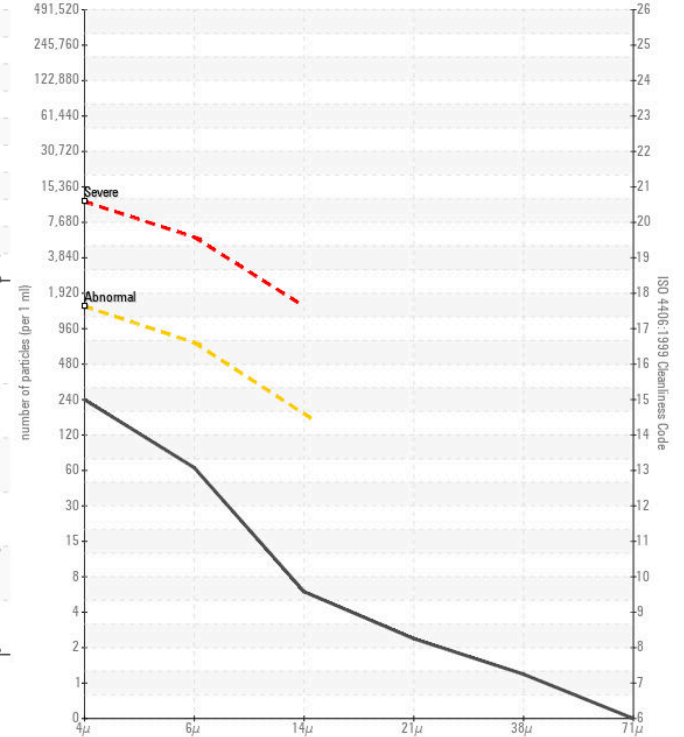
Non-ferrous Metals



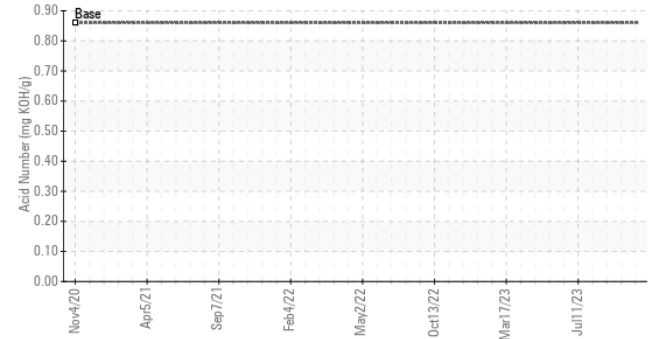
Viscosity @ 40°C



Particle Count



Acid Number



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0085484 **Received** : 02 Feb 2024
Lab Number : 02613140 **Tested** : 05 Feb 2024
Unique Number : 5722235 **Diagnosed** : 05 Feb 2024 - Bill Quesnel
Test Package : PLANT (Additional Tests: FT-IR, FT-IR(DIFF), KF, KV100, 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.

NuVista Energy
 10508 67 Ave, #201
 Grande Prairie, AB
 CA T8W 0K8
 Contact: Eldon Weaver
 eweaver@nvaenergy.com

T:
F: