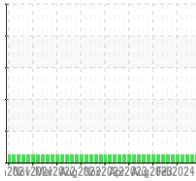


NORMAL

Sample Rating Trend



Machine Id
K601
Component
Reciprocating Compressor
Fluid
PETRO CANADA SENTRON LD 3000 (295 LTR)



OIL ANALYSIS REPORT

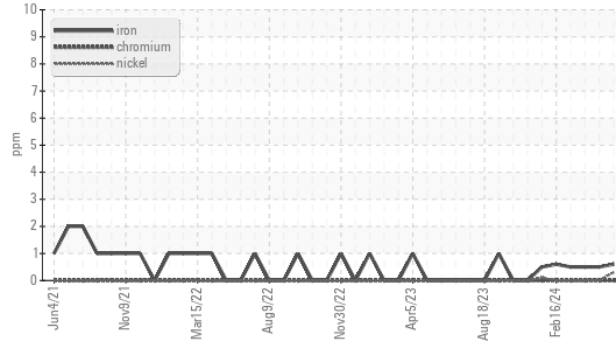
Sample		Wear Metals												Contaminants			Additives										
Sample Number	Sample Date	Iron	Chromium	Nickel	Titanium	Silver	Aluminum	Lead	Copper	Tin	Antimony	Vanadium	Beryllium	Cadmium	Silicon	Sodium	Potassium	Boron	Barium	Molybdenum	Manganese	Magnesium	Calcium	Phosphorus	Zinc	Sulfur	Lithium
		>50	>10				>25	>25	>50	>15					>25		>20	5	1	2	1	5	1220	298	350	1995	
PC0089495	21 Jun 2024	<1	0	<1	0	0	1	0	1	0	0	0	0	0	<1	<1	<1	<1	0	0	0	7	1187	255	306	1974	<1
PC0089484	15 May 2024	<1	0	0	0	0	<1	0	2	<1	0	0	0	0	<1	<1	0	<1	0	0	0	7	1241	264	310	1959	<1
PC0089479	21 Apr 2024	<1	0	0	0	0	<1	0	2	0	0	0	0	0	0	<1	0	1	0	0	0	6	1209	257	297	1919	<1
PC0089508	25 Mar 2024	<1	0	0	0	0	<1	0	2	0	0	0	0	0	0	<1	<1	1	0	0	0	7	1234	263	305	1967	<1
PC0085502	16 Feb 2024	<1	0	0	0	<1	1	0	2	<1	0	0	0	0	1	<1	<1	<1	0	0	0	7	1219	264	298	2077	<1
PC0085490	17 Jan 2024	<1	0	<1	0	0	1	<1	1	0	0	0	0	0	1	<1	<1	1	0	0	0	7	1225	266	299	2118	<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		---	124.3	13.7	106	>0.1	---	---	---	---	---	0.86	---	>1300	>640	>160	>17/16/14	---	---
PC0089495	33350	0	Not Changd	---	118	13.1	105	0.002	---	---	---	---	---	0.50	---	160	55	7	14/13/10	---	---
PC0089484	32469	0	Changed	---	120	13.3	105	0.002	---	---	---	---	---	0.44	---	202	67	8	15/13/10	---	---
PC0089479	0	0	N/A	---	119	13.3	106	0.004	---	---	---	---	---	0.49	---					---	---
PC0089508	31098	23387	N/A	---	119	13.1	104	0.003	---	---	---	---	---	0.60	---					---	---
PC0085502	30354	0	Not Changed	---	118	13.2	106	0.007	---	---	---	---	---	0.49	---	83	33	5	14/12/10	---	---
PC0085490	29659	0	Not Changed	---	118	13.1	105	0.003	---	---	---	---	---	0.23	---	210	67	7	15/13/10	---	---

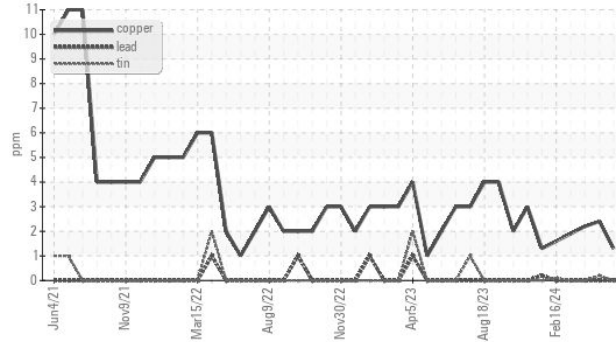
Recommendations		Interpretation	
21 Jun 2024	Resample at the next service interval to monitor.	21 Jun 2024	All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.
15 May 2024	Resample at the next service interval to monitor.	15 May 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 Jun 2024		
15 May 2024		
21 Apr 2024		
25 Mar 2024		
16 Feb 2024	no image	no image
17 Jan 2024	no image	no image

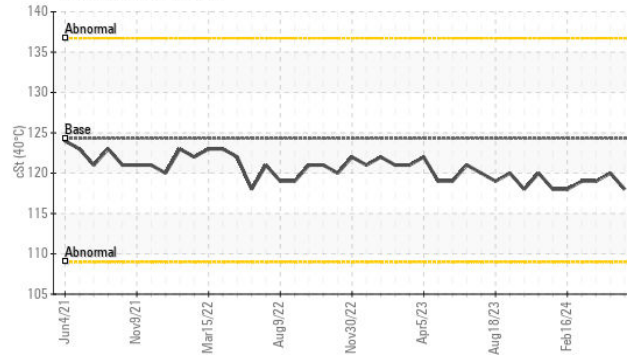
Ferrous Alloys



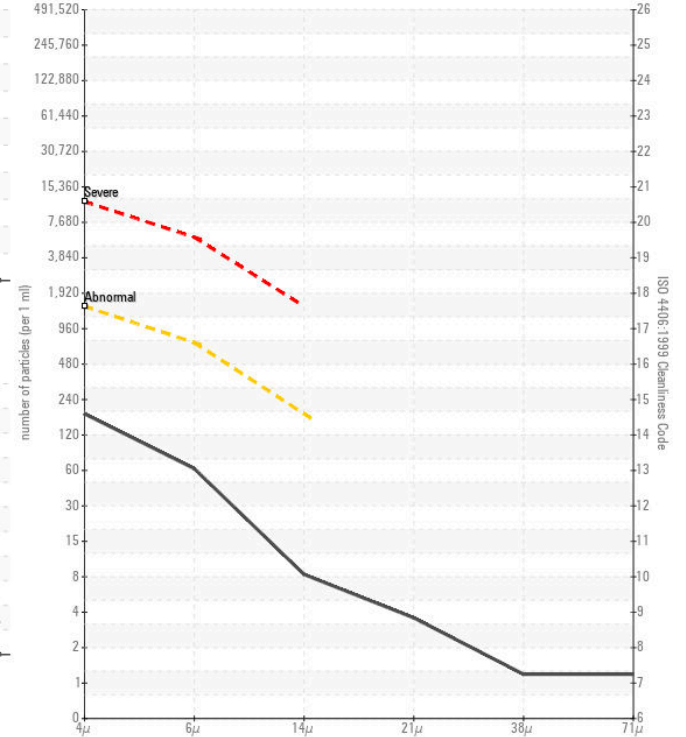
Non-ferrous Metals



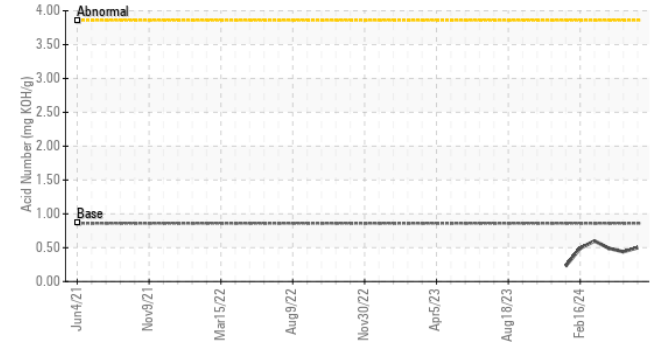
Viscosity @ 40°C



Particle Count



Acid Number



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0089495 **Received** : 02 Jul 2024
Lab Number : 02644886 **Tested** : 03 Jul 2024
Unique Number : 5802425 **Diagnosed** : 04 Jul 2024 - Bill Quesnel
Test Package : GEO 2 (Additional Tests: KF)

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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 Contact: Eldon Weaver
 eweaver@nvaenergy.com

T:
F: