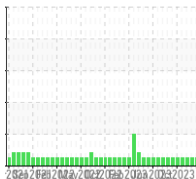




NORMAL

Sample Rating Trend



Machine Id
K601
 Component
Natural Gas Compression Engine
 Fluid
PETRO CANADA SENTRON LD 3000 (--- LTR)



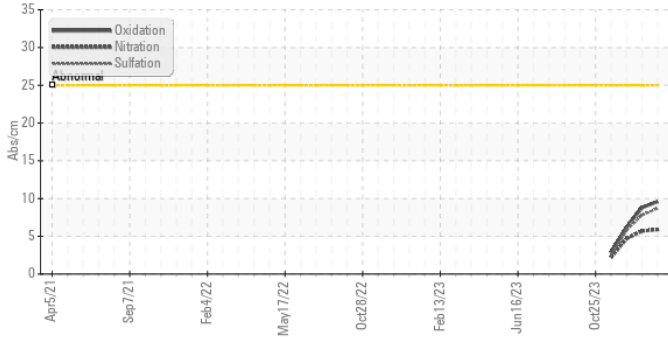
OIL ANALYSIS REPORT

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	
		>14	>3	>5		>5	>5	>8	>5	>3					>180	>20	>20	5	1	2	1	5	1220	298	350	1995		
PC0089478	21 Apr 2024	1	0	0	0	0	<1	0	<1	0	0	0	0	0	0	<1	<1	<1	0	0	0	0	8	1425	282	352	2061	<1
PC0089509	27 Mar 2024	1	0	0	0	0	<1	0	<1	0	0	0	0	0	0	<1	0	1	0	0	0	8	1403	283	349	2110	<1	
PC0085507	16 Feb 2024	1	0	0	0	0	2	0	<1	0	0	0	0	0	1	<1	<1	<1	0	<1	0	0	8	1349	283	333	2222	<1
PC0085493	17 Jan 2024	<1	0	<1	0	0	1	0	<1	0	0	0	0	0	1	<1	<1	<1	0	0	0	7	1231	257	303	2068	<1	
PC90000788	25 Oct 2023	3	0	0	0	0	1	1	0	0	0	0	0	0	2	1	0	1	0	1	0	7	1465	325	384		0	
PC90000773	11 Sep 2023	3	0	0	0	0	2	1	0	0	0	0	0	0	2	1	0	1	0	1	0	10	1737	351	442		0	

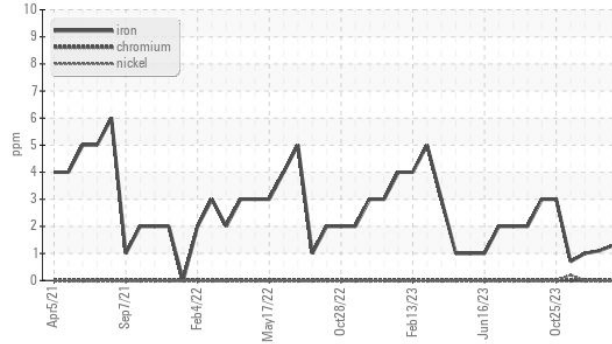
Sample					Physical Tests						Other Tests										
Sample Number	Machine Age	Oil Age	Oil Changed	Filter Changed	Visc @ 40°C	Visc @ 100°C	Viscosity Index (VI)	Water	Glycol	Fuel	Oxidation (Diff)	Nitration (Diff)	Sulfation (Diff)	Acid Number (AN)	Base Number (BN)	Particles >4µm	Particles >6µm	Particles >14µm	Oil Cleanliness		
	hrs	hrs		---	124.3	13.7	106	>0.1		>4.0	< 25	< 25		0.86	---	---	---	---	---	---	---
PC0089478	0	0	N/A	---	124	13.6	105	NEG	NEG	<1.0	9.6	5.9	8.7	1.31	---	---	---	---	---	---	---
PC0089509	31604	23387	N/A	---	122	13.3	103	NEG	NEG	<1.0	8.8	5.7	7.8	1.34	---	---	---	---	---	---	---
PC0085507	30354	0	Not Changed	---	120	13.2	104	NEG	NEG	<1.0	6.2	4.7	5.8	0.97	---	---	---	---	---	---	---
PC0085493	29659	0	Not Changed	---	120	13.2	104	NEG	NEG	<1.0	2.8	2.2	2.5	0.41	---	---	---	---	---	---	---
PC90000788	27671	4284	Not Changed	---	128	13.68	102	NEG	NEG	<1.0				2.7	---	---	---	---	---	---	---
PC90000773	26746	3359	Not Changed	---	124	13.59	105	NEG	NEG	<1.0				2.3	---	---	---	---	---	---	---

Recommendations		Interpretation	
21 Apr 2024	Resample at the next service interval to monitor.	21 Apr 2024	All component wear rates are normal. 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	Resample at the next service interval to monitor.	27 Mar 2024	All component wear rates are normal. 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.

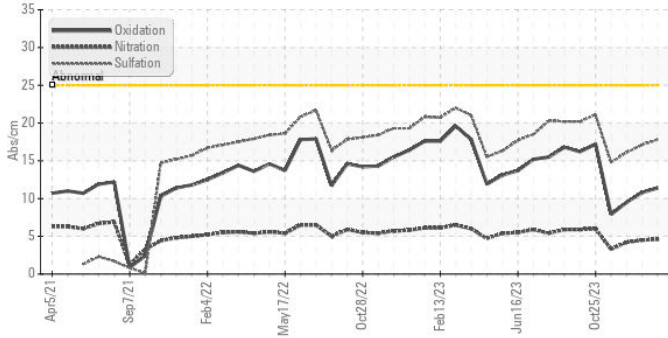
FT-IR (Differential)



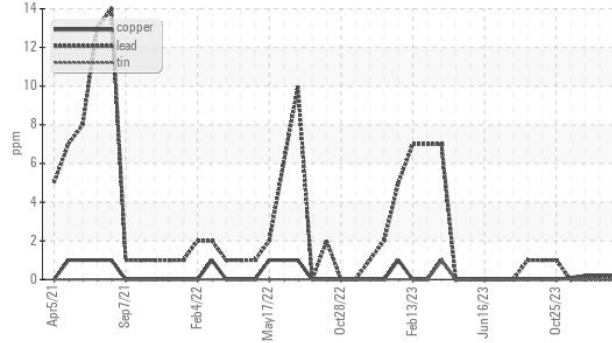
Ferrous Alloys



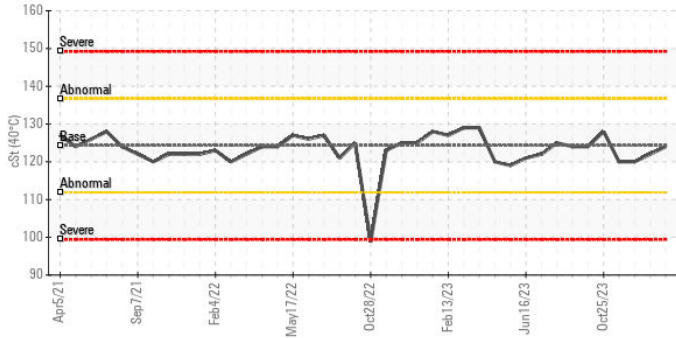
FT-IR (Direct Trend)



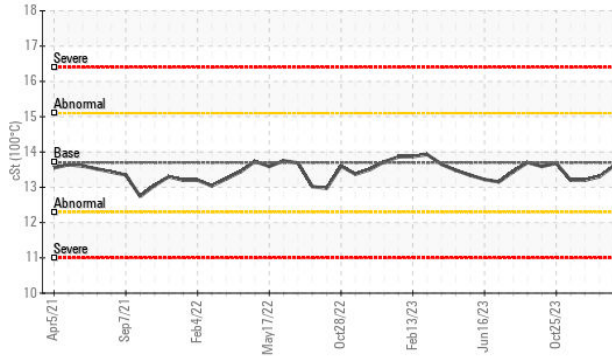
Non-ferrous Metals



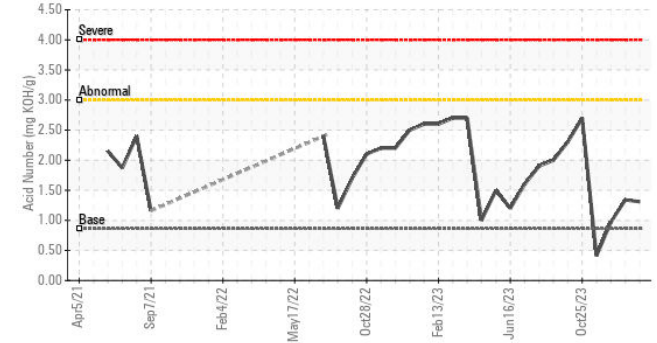
Viscosity @ 40°C



Viscosity @ 100°C



Acid Number



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0089478
Lab Number : 02630559
Unique Number : 5763691
Test Package : GEO 2 (Additional Tests: FT-IR, FT-IR(Diff), TAN Man)

Received : 22 Apr 2024
Tested : 29 Apr 2024
Diagnosed : 01 May 2024 - Bill Quesnel

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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 eweaver@nvaenergy.com

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 F: