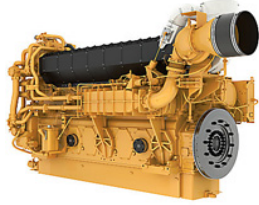
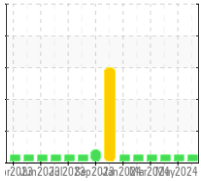


NORMAL



Sample Rating Trend



Machine Id
K604
Component
Natural Gas Compression Engine
Fluid
PETRO CANADA SENTRON LD 3000 (--- LTR)



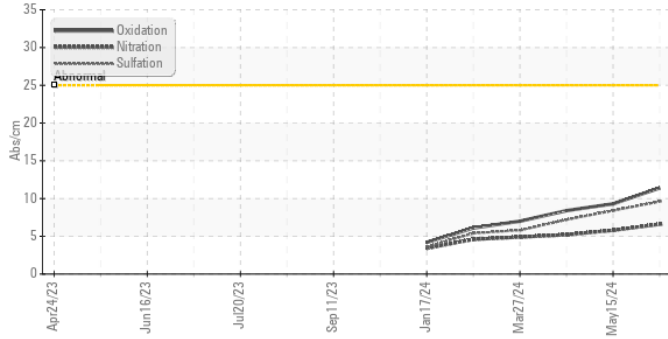
OIL ANALYSIS REPORT

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	
PC0089490	21 Jun 2024	2	0	<1	0	0	1	5	<1	0	0	0	0	0	<1	<1	<1	1	0	<1	0	8	1368	272	348	2104	<1
PC0089510	15 May 2024	2	0	0	0	0	1	2	<1	0	0	0	0	0	0	<1	0	1	0	0	0	9	1361	279	342	2103	<1
PC0089475	11 Apr 2024	2	0	0	0	0	1	2	<1	0	0	0	0	0	0	<1	0	1	0	0	0	8	1342	269	330	2035	<1
PC0089503	27 Mar 2024	1	0	0	0	0	1	1	<1	0	0	0	0	0	0	<1	<1	1	0	0	0	7	1310	265	322	2003	<1
PC0085503	16 Feb 2024	1	0	0	0	<1	1	2	<1	0	0	0	0	0	<1	<1	<1	1	0	<1	0	7	1292	269	316	2146	<1
PC0085488	17 Jan 2024	1	0	<1	0	0	1	2	<1	0	0	0	0	0	<1	<1	1	1	0	<1	0	7	1272	270	312	2186	<1

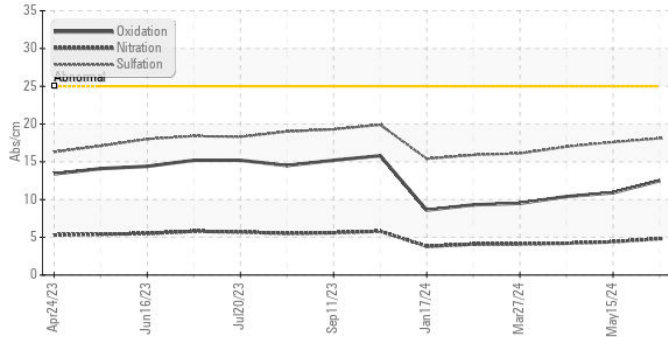
Sample					Physical Tests						Other Tests										
Sample Number	Machine Age	Oil Age	Oil Changed	Filter Changed	Visc @ 40°C	Visc @ 100°C	Viscosity Index (VI)	Water	Glycol	Fuel	Oxidation (Diff)	Nitration (Diff)	Sulfation (Diff)	Acid Number (AN)	Base Number (BN)	Particles >4µm	Particles >6µm	Particles >14µm	Oil Cleanliness		
	hrs	hrs		---	124.3	13.7	106	>0.1		>4.0	< 25	< 25		0.86	---	---	---	---	---	---	---
PC0089490	10306	0	Not Changd	---	125	13.4	101	NEG	NEG	<1.0	11.4	6.6	9.6	1.99	---	---	---	---	---	---	---
PC0089510	0	0	N/A	---	122	13.3	103	NEG	NEG	<1.0	9.3	5.8	8.4	1.81	---	---	---	---	---	---	---
PC0089475	8610	0	Not Changed	---	121	13.4	106	NEG	NEG	<1.0	8.4	5.2	7.2	1.33	---	---	---	---	---	---	---
PC0089503	8051	7307	N/A	---	121	13.2	103	NEG	NEG	<1.0	7	4.9	5.8	1.57	---	---	---	---	---	---	---
PC0085503	7307	0	Not Changed	---	119	13.2	105	NEG	NEG	<1.0	6.1	4.6	5.4	0.60	---	---	---	---	---	---	---
PC0085488	6606	0	Not Changed	---	119	13.2	105	NEG	NEG	<1.0	4.2	3.4	3.6	0.20	---	---	---	---	---	---	---

Recommendations		Interpretation	
21 Jun 2024	Resample at the next service interval to monitor.	21 Jun 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.
15 May 2024	Resample at the next service interval to monitor.	15 May 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.

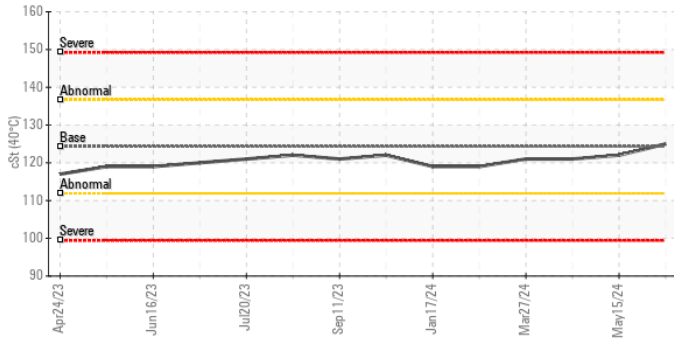
FT-IR (Differential)



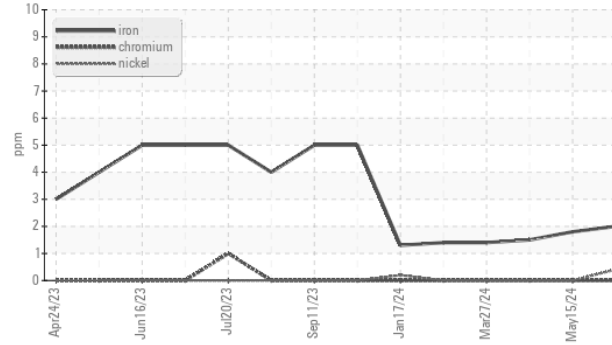
FT-IR (Direct Trend)



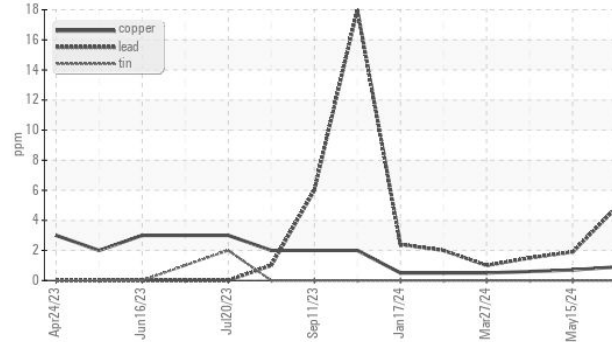
Viscosity @ 40°C



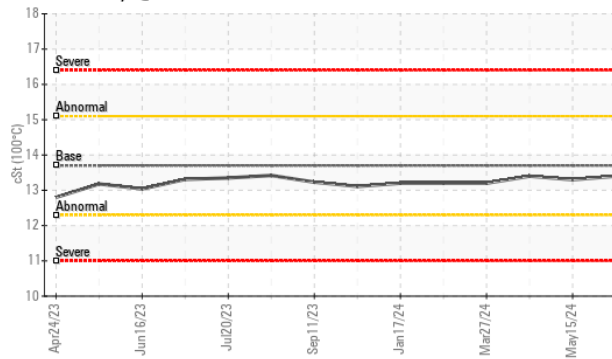
Ferrous Alloys



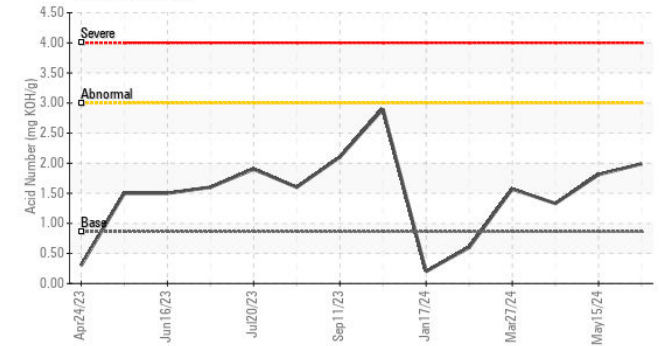
Non-ferrous Metals



Viscosity @ 100°C



Acid Number



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0089490
Lab Number : 02644798
Unique Number : 5802337
Test Package : GEO 2 (Additional Tests: TAN Man)

Received : 02 Jul 2024
Tested : 02 Jul 2024
Diagnosed : 04 Jul 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.

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

T:
 F: