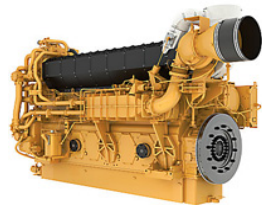
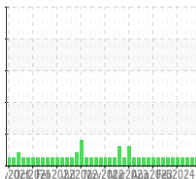




NORMAL

Sample Rating Trend



Machine Id
K600
 Component
Natural Gas Compression Engine
 Fluid
PETRO CANADA SENTRON LD 3000 (--- LTR)



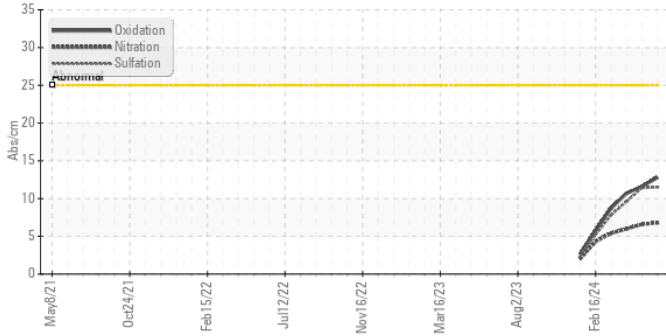
OIL ANALYSIS REPORT

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	
PC0089494	21 Jun 2024	3	0	<1	0	0	2	0	<1	0	0	0	0	0	<1	1	1	<1	0	<1	0	8	1550	304	401	2217	<1
PC0089516	15 May 2024	3	0	0	0	0	1	0	<1	0	0	0	0	0	<1	1	2	1	0	0	0	9	1512	316	387	2239	<1
PC0085508	15 Apr 2024	2	0	0	0	0	1	0	<1	0	0	0	0	0	0	1	2	<1	0	0	0	8	1476	292	368	2126	<1
PC0089498	19 Mar 2024	2	0	0	0	0	<1	0	<1	0	0	0	0	0	<1	1	2	1	0	0	0	9	1430	286	359	2088	<1
PC0085505	16 Feb 2024	1	0	0	0	0	1	0	<1	0	0	0	0	0	1	1	3	<1	0	<1	0	7	1327	279	331	2185	<1
PC0085495	17 Jan 2024	<1	0	0	0	0	1	0	<1	0	0	0	0	0	2	1	4	<1	0	0	0	7	1223	265	304	2148	<1

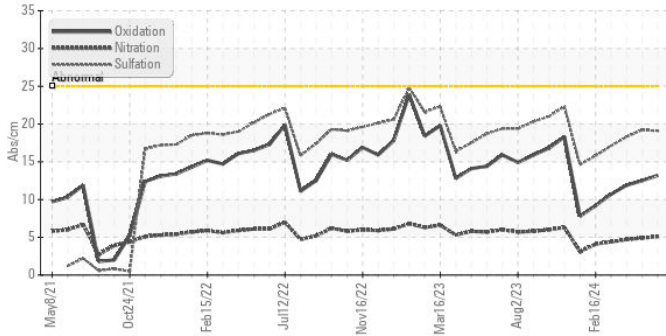
Sample					Physical Tests						Other Tests										
Sample Number	Machine Age	Oil Age	Oil Changed	Filter Changed	Visc @ 40°C	Visc @ 100°C	Viscosity Index (VI)	Water	Glycol	Fuel	Oxidation (Diff)	Nitration (Diff)	Sulfation (Diff)	Acid Number (AN)	Base Number (BN)	Particles >4µm	Particles >6µm	Particles >14µm	Oil Cleanliness		
	hrs	hrs		---	124.3	13.7	106	>0.1		>4.0	< 25	< 25		0.86	---	---	---	---	---	---	---
PC0089494	33868	0	Not Changed	---	127	13.8	105	NEG	NEG	<1.0	12.8	6.8	11.5	2.08	---	---	---	---	---	---	---
PC0089516	32985	0	Not Changed	---	125	13.7	106	NEG	NEG	<1.0	11.6	6.6	11.4	1.68	---	---	---	---	---	---	---
PC0085508	32266	0	Not Changed	---	125	13.7	106	NEG	NEG	<1.0	10.7	6	9.6	1.25	---	---	---	---	---	---	---
PC0089498	31604	0	Not Changed	---	123	13.4	104	NEG	NEG	<1.0	8.7	5.4	7.8	2.16	---	---	---	---	---	---	---
PC0085505	30859	0	Not Changed	---	121	13.3	104	NEG	NEG	<1.0	5.8	4.3	5.2	1.43	---	---	---	---	---	---	---
PC0085495	30149	0	Not Changed	---	118	13.1	105	NEG	NEG	<1.0	2.6	2	2.3	0.38	---	---	---	---	---	---	---

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.

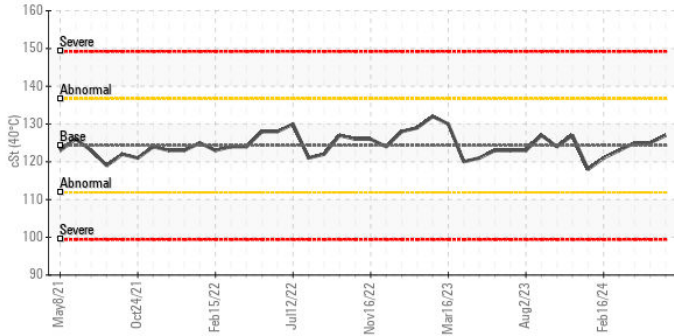
FT-IR (Differential)



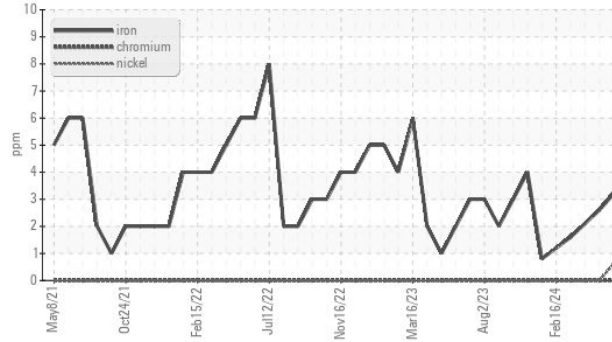
FT-IR (Direct Trend)



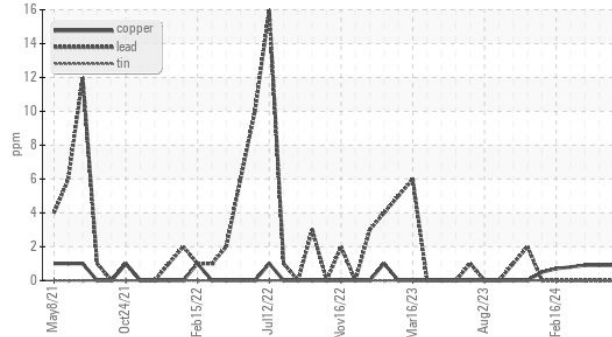
Viscosity @ 40°C



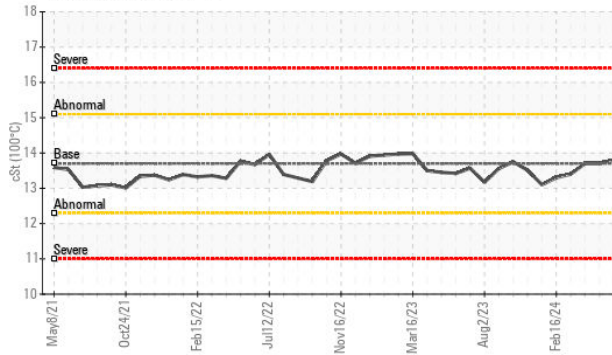
Ferrous Alloys



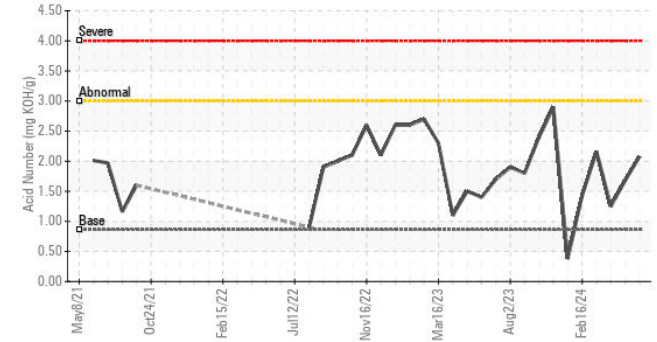
Non-ferrous Metals



Viscosity @ 100°C



Acid Number



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0089494
Lab Number : 02644800
Unique Number : 5802339
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.

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 Contact: Eldon Weaver
 eweaver@nvaenergy.com

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