

Machine Id
JENBACHER 1351185
Component
Natural Gas Engine
Fluid
PETRO CANADA SENTRON CG 40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION method limit/base current history1 history2

Sample Number	Client Info	PC0045721	---	---
Sample Date	Client Info	07 Jun 2022	---	---
Machine Age	hrs Client Info	27101	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

WEAR METALS method limit/base current history1 history2

Iron	ppm	ASTM D5185(m)	>50	1	---	---
Chromium	ppm	ASTM D5185(m)	>4	0	---	---
Nickel	ppm	ASTM D5185(m)	>2	0	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>3	0	---	---
Aluminum	ppm	ASTM D5185(m)	>9	1	---	---
Lead	ppm	ASTM D5185(m)	>30	0	---	---
Copper	ppm	ASTM D5185(m)	>35	0	---	---
Tin	ppm	ASTM D5185(m)	>4	0	---	---
Antimony	ppm	ASTM D5185(m)		<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Beryllium	ppm	ASTM D5185(m)		0	---	---
Cadmium	ppm	ASTM D5185(m)		0	---	---

ADDITIVES method limit/base current history1 history2

Boron	ppm	ASTM D5185(m)	0	3	---	---
Barium	ppm	ASTM D5185(m)	1	0	---	---
Molybdenum	ppm	ASTM D5185(m)	2	1	---	---
Manganese	ppm	ASTM D5185(m)	1	<1	---	---
Magnesium	ppm	ASTM D5185(m)	9	17	---	---
Calcium	ppm	ASTM D5185(m)	2712	2759	---	---
Phosphorus	ppm	ASTM D5185(m)	292	244	---	---
Zinc	ppm	ASTM D5185(m)	342	290	---	---
Sulfur	ppm	ASTM D5185(m)	2575	2512	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---

CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185(m)	>+100	7	---	---
Sodium	ppm	ASTM D5185(m)		<1	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---

INFRA-RED method limit/base current history1 history2

Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	3.2	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	12.6	---	---

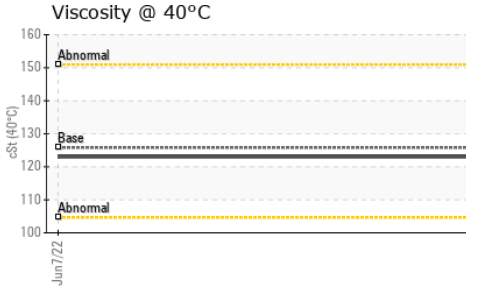
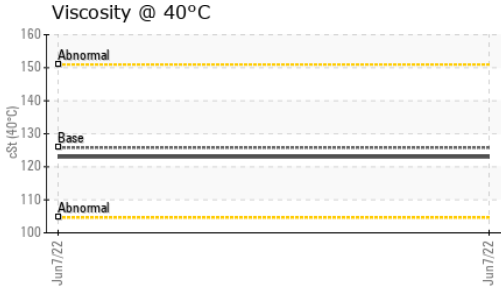
FLUID DEGRADATION method limit/base current history1 history2

Oxidation	Abs/.1mm	ASTM D7414*	>25	7.2	---	---
-----------	----------	-------------	-----	------------	-----	-----

VISUAL method limit/base current history1 history2

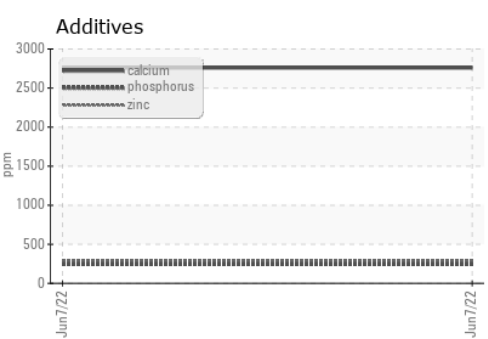
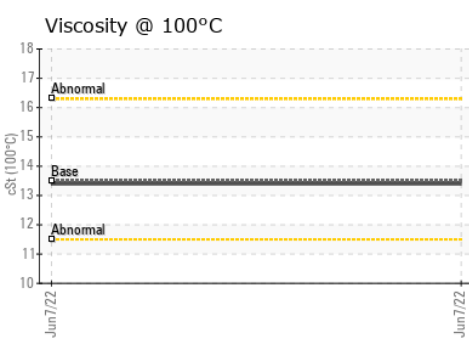
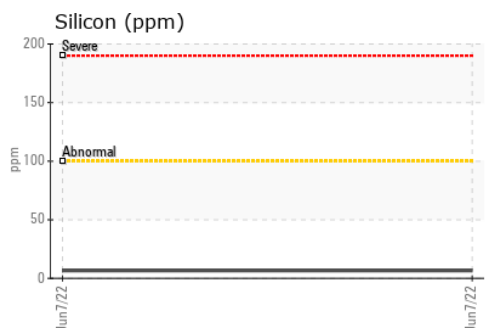
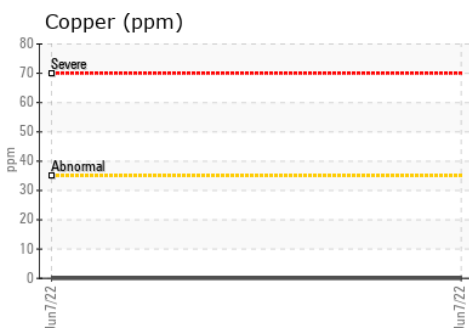
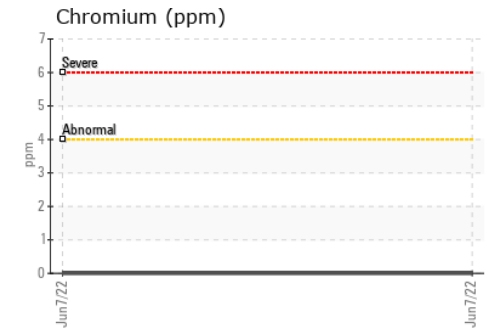
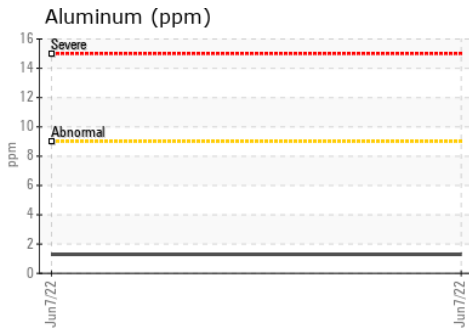
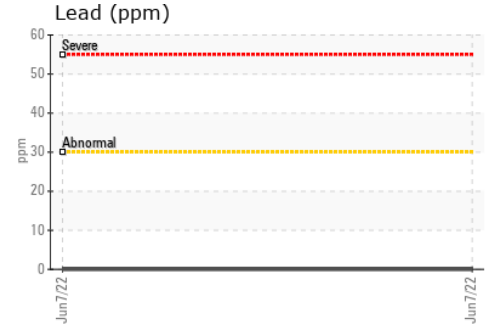
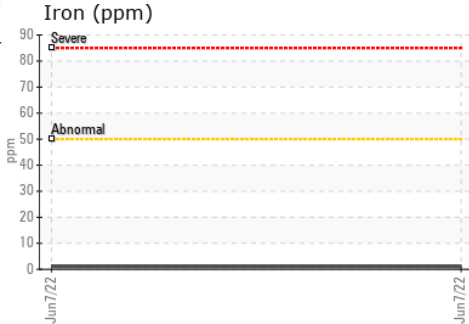
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---
Free Water	scalar	Visual*		NEG	---	---

OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	125.8	123	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	13.5	13.4	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	105	104	---	---

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CHALEUR REGIONAL SERVICE COMMISSION
Sample No. : PC0045721 **Received** : 28 Jul 2022
Lab Number : 02502344 **Diagnosed** : 28 Jul 2022
Unique Number : 5435305 **Diagnostician** : Wes Davis
Test Package : MOB 1 (Additional Tests: KV40, 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.

1300 RTE 360
 ALLARDVILLE, NB
 CA E8L 1H5
 Contact: Yvon Richard
 yvon.richard@csrchaieurssc.ca
 T: (506)725-2402
 F: