



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[W1818804]
 Machine Id
4DA2970
 Component
Genset
 Fluid
CHEVRON DELO 400 LE 15W40 (3 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VPA045234	---	---
Sample Date		Client Info		06 Dec 2022	---	---
Machine Age	hrs	Client Info		1642	---	---
Oil Age	hrs	Client Info		200	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>25	6	---	---
Chromium	ppm	ASTM D5185(m)	>5	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)		<1	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>10	2	---	---
Lead	ppm	ASTM D5185(m)	>10	0	---	---
Copper	ppm	ASTM D5185(m)	>20	<1	---	---
Tin	ppm	ASTM D5185(m)	>5	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---

CONTAMINATION

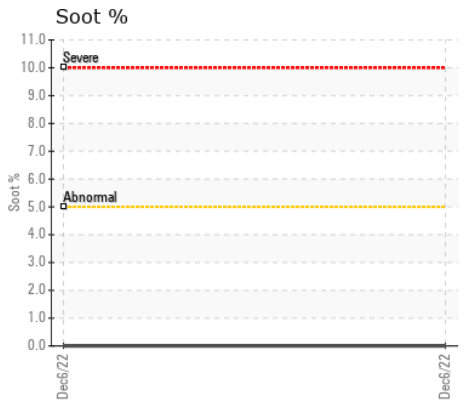
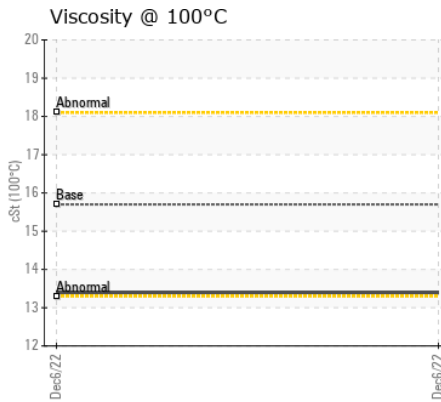
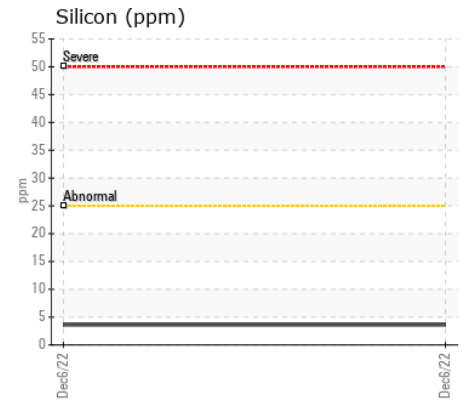
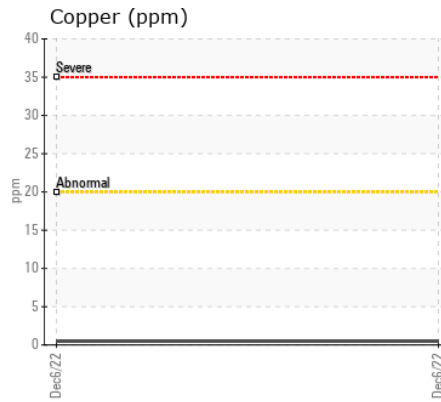
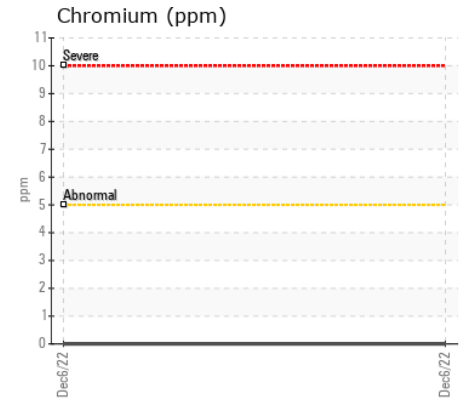
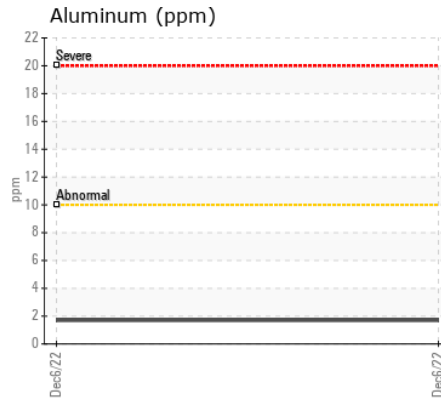
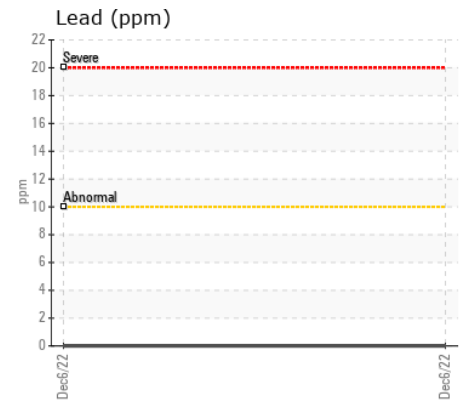
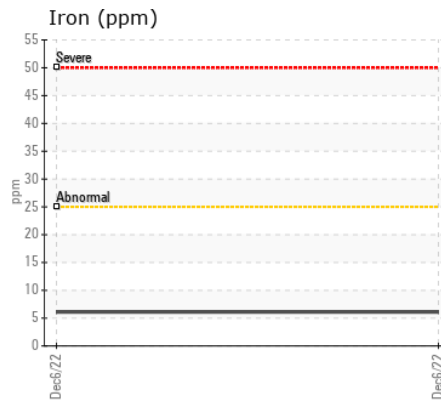
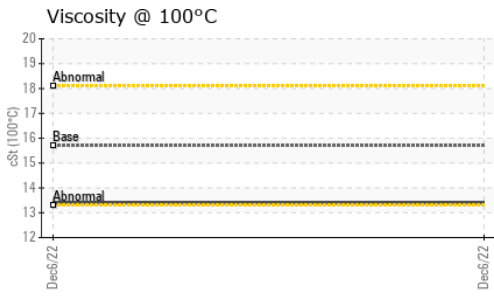
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	4	---	---
Potassium	ppm	ASTM D5185(m)	>20	3	---	---
Fuel		WC Method	>4.0	<1.0	---	---
Water		WC Method	>0.1	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	8.6	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.0	---	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)		6	---	---
Boron	ppm	ASTM D5185(m)		79	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		1	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)		702	---	---
Calcium	ppm	ASTM D5185(m)		1400	---	---
Phosphorus	ppm	ASTM D5185(m)	1200	726	---	---
Zinc	ppm	ASTM D5185(m)	1300	753	---	---
Sulfur	ppm	ASTM D5185(m)	3200	2505	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	15.4	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.7	13.4	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : VPA045234 **Received** : 20 Jan 2023
Lab Number : 02534438 **Diagnosed** : 20 Jan 2023
Unique Number : 5515437 **Diagnostician** : Bill Quesnel
Test Package : MOB 1

Canadian Coast Guard
 9860 W Saanich Rd
 Sidney, BC
 CA V8L 5T5
 Contact: Nick Berben

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.

mcharles-seniorengineer@cha.ccg-s-ngcc.gc.ca
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