



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area  
**JOHN F SECREST**  
Machine Id  
[JOHN F SECREST] 007 565425-7  
Component  
**Port Genset**  
Fluid  
**CHEVRON DELO 400 LE 15W40 (6 GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>MW0071006</b>	MW0068751	MW0065920
Sample Date		Client Info		<b>15 Jun 2024</b>	13 May 2024	13 Mar 2024
Machine Age	hrs	Client Info		<b>11448</b>	11061	10252
Oil Age	hrs	Client Info		<b>400</b>	410	458
Filter Age	hrs	Client Info		<b>400</b>	410	458
Oil Changed		Client Info		<b>N/A</b>	Changed	Changed
Filter Changed		Client Info		<b>N/A</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	<b>4</b>	8	7
Chromium	ppm	ASTM D5185m	>4	<b>&lt;1</b>	<1	0
Nickel	ppm	ASTM D5185m	>2	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	1	<1
Silver	ppm	ASTM D5185m	>5	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185m	>12	<b>2</b>	2	4
Lead	ppm	ASTM D5185m	>17	<b>0</b>	<1	0
Copper	ppm	ASTM D5185m	>70	<b>0</b>	<1	2
Tin	ppm	ASTM D5185m	>15	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

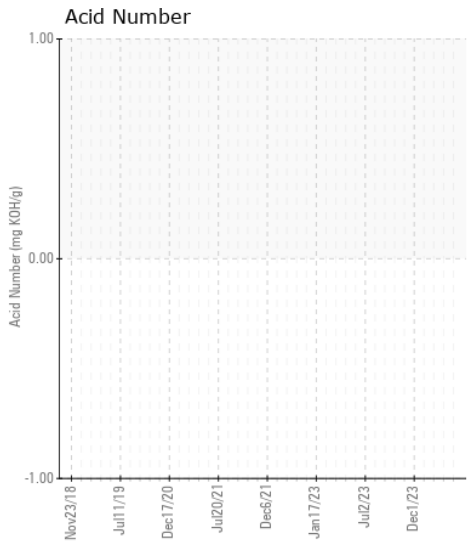
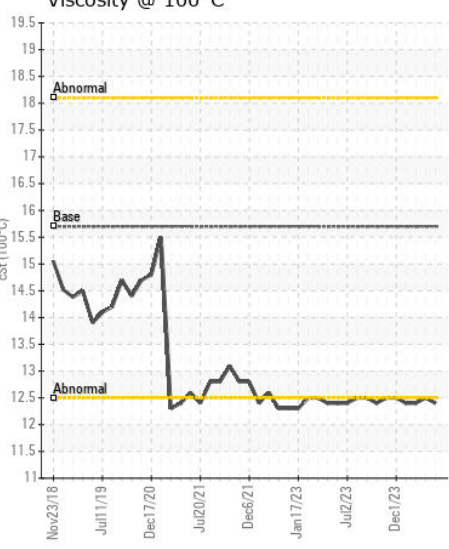
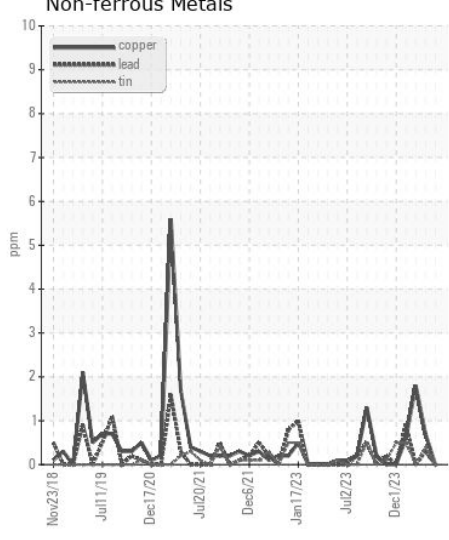
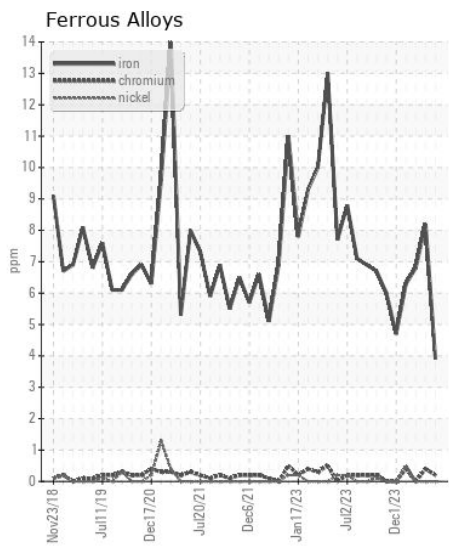
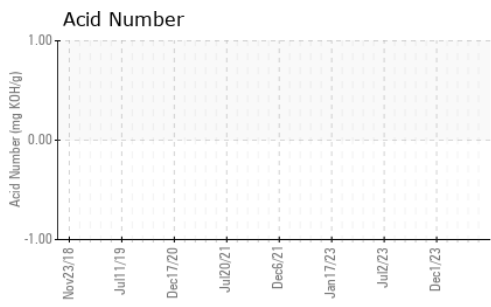
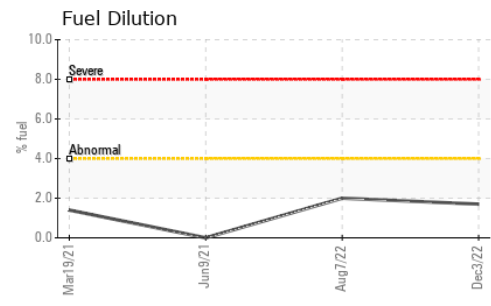
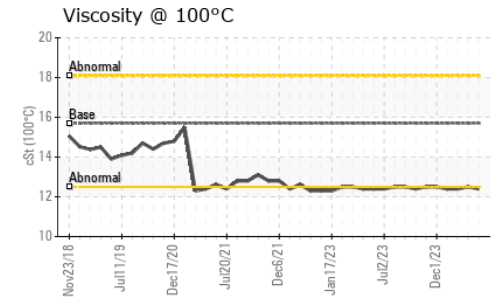
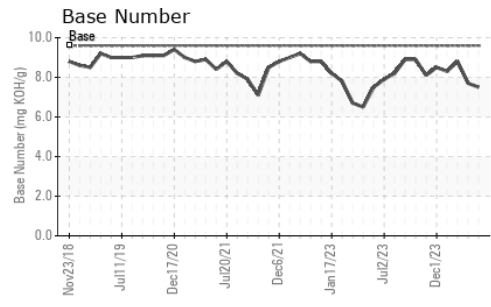
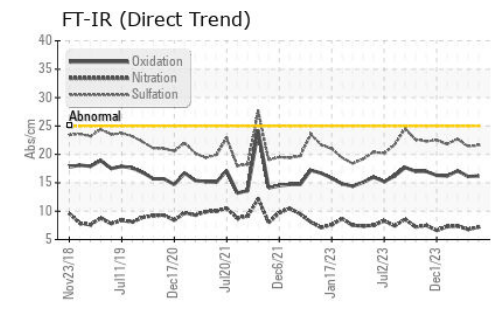
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	<b>4</b>	6	6
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	2	0
Fuel	%	ASTM D3524	>4.0	<b>&lt;1.0</b>	<1.0	<1.0
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
Soot %	%	*ASTM D7844		<b>0.1</b>	0.1	0.1
Nitration	Abs/cm	*ASTM D7624	>20	<b>7.2</b>	6.8	7.4
Sulfation	Abs/.1mm	*ASTM D7415	>30	<b>21.6</b>	21.4	22.7
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m		<b>0</b>	0	1
Boron	ppm	ASTM D5185m		<b>350</b>	419	345
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>95</b>	100	123
Manganese	ppm	ASTM D5185m		<b>2</b>	2	2
Magnesium	ppm	ASTM D5185m		<b>461</b>	469	713
Calcium	ppm	ASTM D5185m		<b>1425</b>	1474	1622
Phosphorus	ppm	ASTM D5185m	1200	<b>878</b>	843	776
Zinc	ppm	ASTM D5185m	1300	<b>1184</b>	1080	900
Sulfur	ppm	ASTM D5185m	3200	<b>3087</b>	3174	3135
Oxidation	Abs/.1mm	*ASTM D7414	>25	<b>16.2</b>	16.1	17.1
Base Number (BN)	mg KOH/g	ASTM D2896	9.6	<b>7.5</b>	7.7	8.8
Visc @ 100°C	cSt	ASTM D445	15.7	<b>12.4</b>	12.5	12.4



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : MW0071006 **Received** : 26 Jun 2024  
**Lab Number** : 06221000 **Tested** : 27 Jun 2024  
**Unique Number** : 11099197 **Diagnosed** : 27 Jun 2024 - Jonathan Hester  
**Test Package** : MAR 2 ( Additional Tests: FUELDILUTION, TAN Man )

**INGRAM BARGE**  
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To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)