



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

Area  
**PATRICIA I HART**  
Machine Id  
**[PATRICIA I HART] 007 590874-7**  
Component  
**Port Genset**  
Fluid  
**CHEVRON DELO 400 LE 15W40 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>MW06055309</b>	MW0030589	MW05702784
Sample Date		Client Info		<b>01 Oct 2023</b>	30 Nov 2022	01 Nov 2022
Machine Age	hrs	Client Info		<b>3582</b>	981	597
Oil Age	hrs	Client Info		<b>248</b>	168	597
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	MARGINAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	<b>6</b>	4	▲ 47
Chromium	ppm	ASTM D5185m	>4	<b>&lt;1</b>	<1	2
Nickel	ppm	ASTM D5185m	>2	<b>1</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>12	<b>2</b>	3	▲ 16
Lead	ppm	ASTM D5185m	>17	<b>&lt;1</b>	<1	0
Copper	ppm	ASTM D5185m	>70	<b>6</b>	<1	▲ 61
Tin	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	3
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

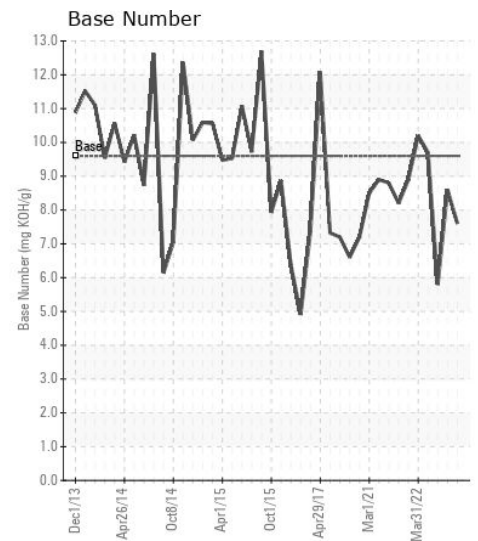
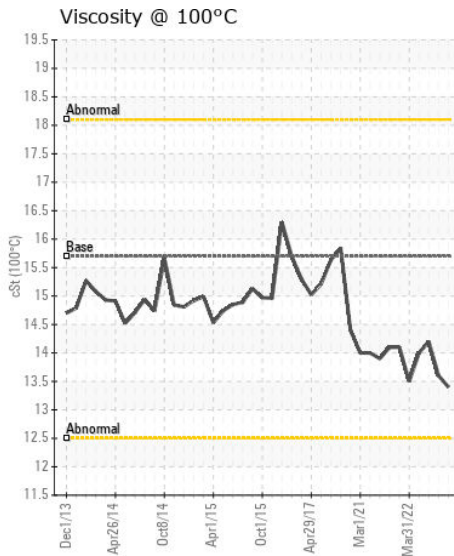
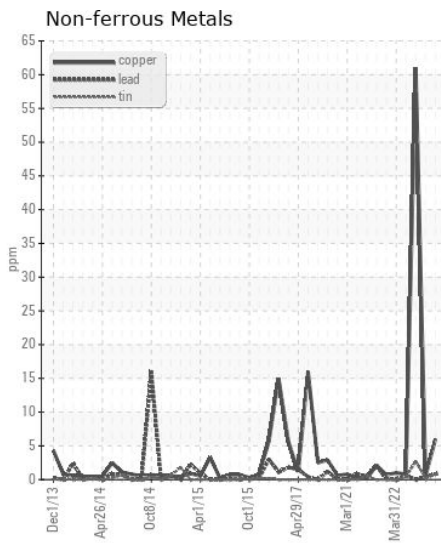
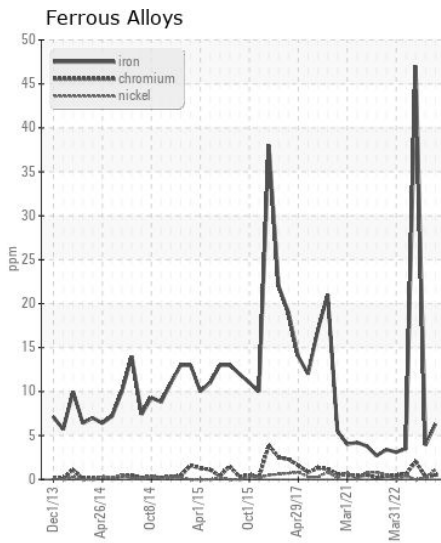
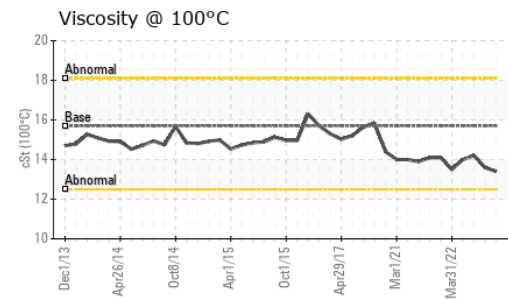
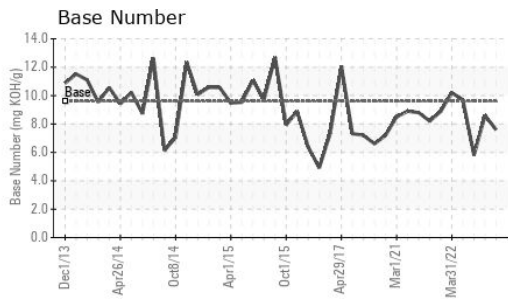
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	<b>8</b>	6	6
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	<1	39
Fuel		WC Method	>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>0.3</b>	0.2	0.6
Nitration	Abs/cm	*ASTM D7624	>20	<b>6.4</b>	6.2	11.4
Sulfation	Abs/.1mm	*ASTM D7415	>30	<b>22.1</b>	22.2	26.3
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
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>	<1	2
Boron	ppm	ASTM D5185m		<b>316</b>	287	69
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>97</b>	123	67
Manganese	ppm	ASTM D5185m		<b>2</b>	<1	1
Magnesium	ppm	ASTM D5185m		<b>496</b>	673	428
Calcium	ppm	ASTM D5185m		<b>1432</b>	1631	1402
Phosphorus	ppm	ASTM D5185m	1200	<b>763</b>	699	852
Zinc	ppm	ASTM D5185m	1300	<b>1020</b>	888	1073
Sulfur	ppm	ASTM D5185m	3200	<b>3315</b>	3021	2783
Oxidation	Abs/.1mm	*ASTM D7414	>25	<b>15.0</b>	15.4	24.6
Base Number (BN)	mg KOH/g	ASTM D2896	9.6	<b>7.6</b>	8.6	5.8
Visc @ 100°C	cSt	ASTM D445	15.7	<b>13.4</b>	13.6	14.2



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : MW06055309 **Recieved** : 09 Jan 2024  
**Lab Number** : 06055309 **Diagnosed** : 10 Jan 2024  
**Unique Number** : 10821258 **Diagnostician** : Angela Borella  
**Test Package** : MAR 2

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)

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