



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

Area

**EVEY T**

Machine Id

**[EVEY T] 007 558474-7**

Component

**Port Genset**

Fluid

**CHEVRON DELO 400 MULTIGRADE 15W40 (5 GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>MW0070768</b>	MW0068554	MW0063249
Sample Date		Client Info		<b>17 May 2024</b>	01 May 2024	28 Mar 2024
Machine Age	hrs	Client Info		<b>10087</b>	9834	9671
Oil Age	hrs	Client Info		<b>217</b>	48	181
Filter Age	hrs	Client Info		<b>217</b>	48	0
Oil Changed		Client Info		<b>N/A</b>	Changed	N/A
Filter Changed		Client Info		<b>Changed</b>	Changed	N/A
Sample Status				<b>NORMAL</b>	ABNORMAL	SEVERE

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	<b>7</b>	2	5
Chromium	ppm	ASTM D5185m	>4	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>2	<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	1
Silver	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	<1
Aluminum	ppm	ASTM D5185m	>12	<b>3</b>	4	4
Lead	ppm	ASTM D5185m	>17	<b>&lt;1</b>	<1	<1
Copper	ppm	ASTM D5185m	>70	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

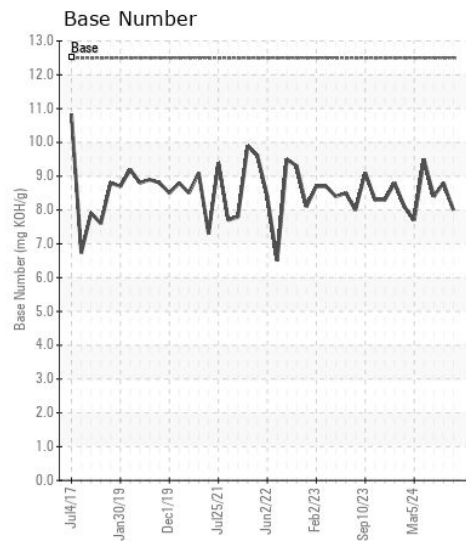
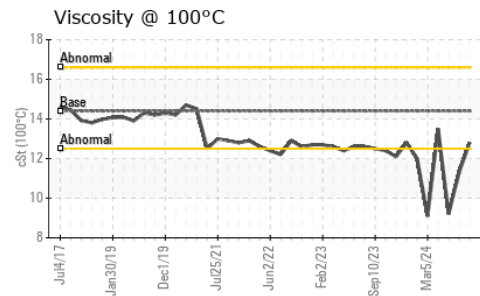
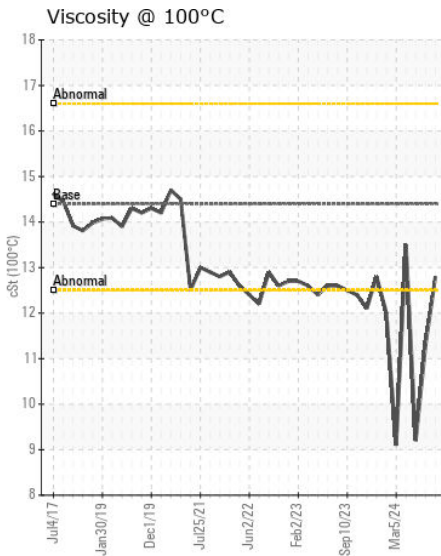
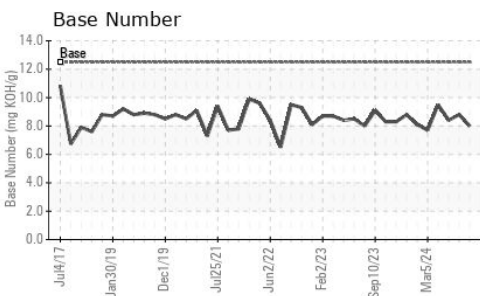
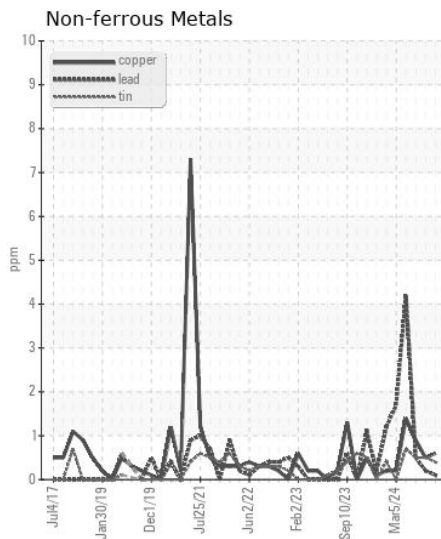
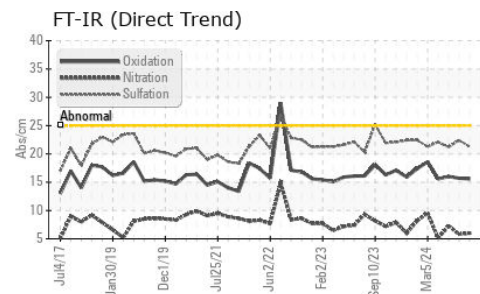
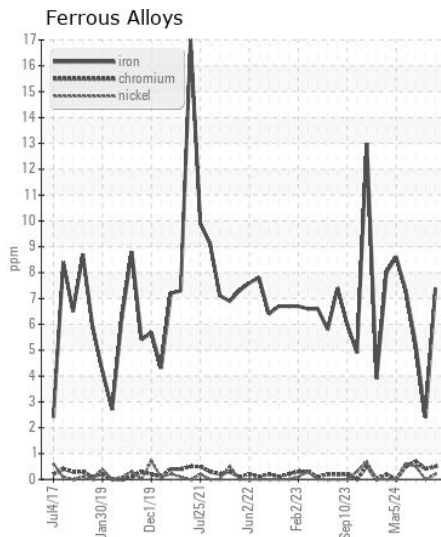
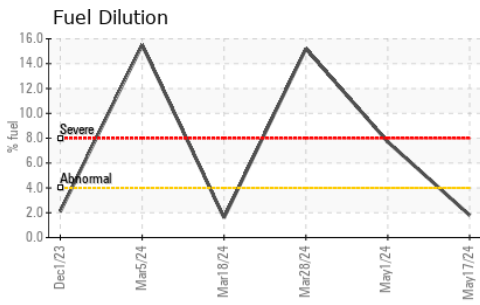
Fuel content negligible. There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	<b>7</b>	5	6
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	2	2
Fuel	%	ASTM D3524	>4.0	<b>1.8</b>	▲ 7.7	▲ 15.2
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>6.0</b>	5.8	7.3
Sulfation	Abs/.1mm	*ASTM D7415	>30	<b>21.3</b>	22.4	21.2
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>&lt;1</b>	0	1
Boron	ppm	ASTM D5185m	151	<b>454</b>	424	289
Barium	ppm	ASTM D5185m	0.4	<b>0</b>	2	0
Molybdenum	ppm	ASTM D5185m	250	<b>103</b>	127	102
Manganese	ppm	ASTM D5185m		<b>2</b>	<1	1
Magnesium	ppm	ASTM D5185m	0	<b>491</b>	595	544
Calcium	ppm	ASTM D5185m	2046	<b>1440</b>	1420	1259
Phosphorus	ppm	ASTM D5185m	1043	<b>890</b>	716	606
Zinc	ppm	ASTM D5185m	943	<b>1120</b>	765	692
Sulfur	ppm	ASTM D5185m	5012	<b>3371</b>	2550	2311
Oxidation	Abs/.1mm	*ASTM D7414	>25	<b>15.6</b>	15.7	16.0
Base Number (BN)	mg KOH/g	ASTM D2896	12.5	<b>8.0</b>	8.8	8.4
Visc @ 100°C	cSt	ASTM D445	14.4	<b>12.8</b>	▲ 11.3	▲ 9.2



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : MW0070768 **Received** : 22 May 2024  
**Lab Number** : 06188540 **Tested** : 28 May 2024  
**Unique Number** : 11045292 **Diagnosed** : 28 May 2024 - Don Baldrige  
**Test Package** : MAR 2 ( Additional Tests: PercentFuel )

**INGRAM BARGE**  
 900 S 3RD ST  
 PADUCAH, KY  
 US 42003

Contact: ANTHONY VAN CURA  
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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)

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