



Machine Id  
**MWL**  
Component  
**Port Genset**  
Fluid  
**CHEVRON URSA SUPER PLUS 40 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>MW05749260</b>	MW05663135	MW05520425
Sample Date		Client Info		<b>24 Jan 2023</b>	10 Oct 2022	14 Apr 2022
Machine Age	hrs	Client Info		<b>23760</b>	23519	23019
Oil Age	hrs	Client Info		<b>241</b>	293	371
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>	ATTENTION	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>25	<b>3</b>	2	4
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	<1
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m		<b>1</b>	2	6
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>10	<b>3</b>	<1	2
Lead	ppm	ASTM D5185m	>10	<b>2</b>	0	<1
Copper	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	1
Tin	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

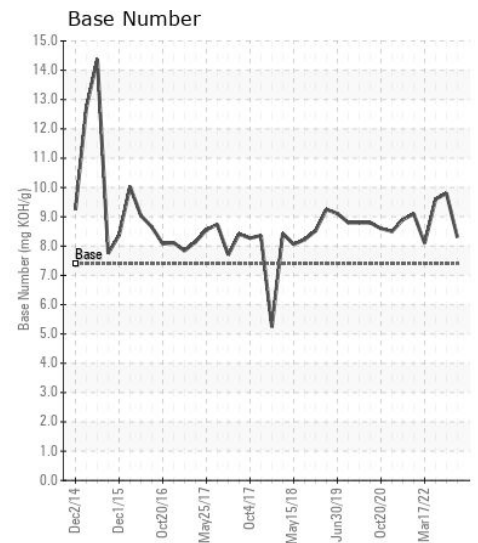
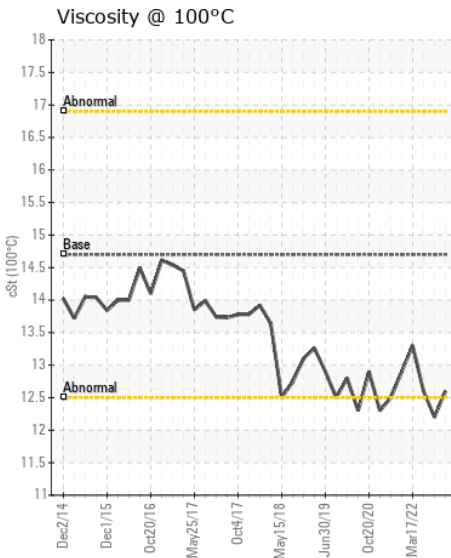
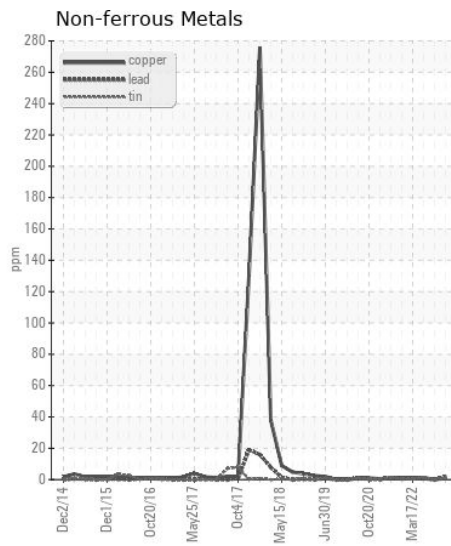
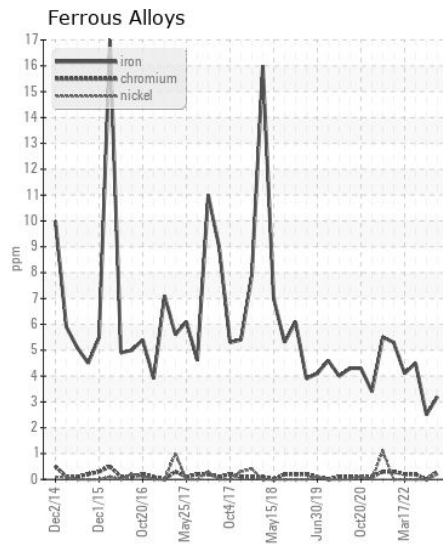
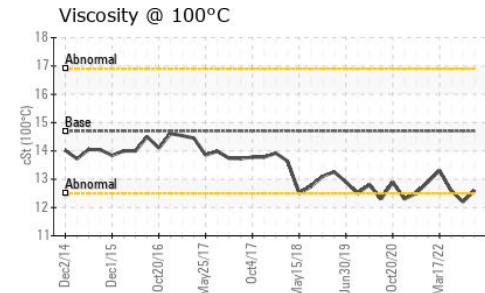
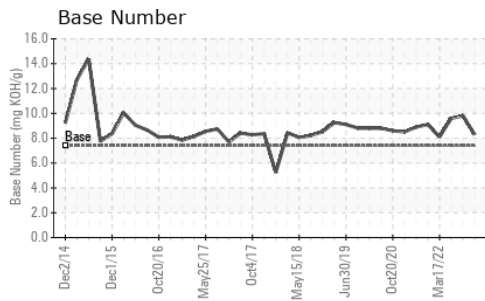
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	<b>4</b>	2	3
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	0	<1
Fuel		WC Method	>4.0	<b>&lt;1.0</b>	▲ 2.5	<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>4.9</b>	6.0	6.0
Sulfation	Abs/.1mm	*ASTM D7415	>30	<b>19.5</b>	20.6	19.6
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>LIGHT</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>	<1	<1
Boron	ppm	ASTM D5185m		<b>216</b>	131	166
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>68</b>	69	67
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Magnesium	ppm	ASTM D5185m		<b>482</b>	536	743
Calcium	ppm	ASTM D5185m		<b>1195</b>	1442	1674
Phosphorus	ppm	ASTM D5185m	1000	<b>695</b>	779	855
Zinc	ppm	ASTM D5185m	1090	<b>805</b>	932	940
Sulfur	ppm	ASTM D5185m		<b>2721</b>	3106	2701
Oxidation	Abs/.1mm	*ASTM D7414	>25	<b>13.6</b>	15.2	13.4
Base Number (BN)	mg KOH/g	ASTM D2896	7.4	<b>8.3</b>	9.8	9.6
Visc @ 100°C	cSt	ASTM D445	14.7	<b>12.6</b>	● 12.2	12.6



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : MW05749260  
**Lab Number** : 05749260  
**Unique Number** : 10308864  
**Test Package** : MAR 2

**Received** : 25 Jan 2023  
**Tested** : 26 Jan 2023  
**Diagnosed** : 26 Jan 2023 - Don Baldrige

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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)