



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

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		MW06151660	MW06101486	MW06071443
Sample Date		Client Info		16 Apr 2024	26 Feb 2024	25 Jan 2024
Machine Age	hrs	Client Info		38604	37938	37338
Oil Age	hrs	Client Info		666	600	473
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	ATTENTION	ATTENTION

WEAR

All component wear rates are normal.

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

CONTAMINATION

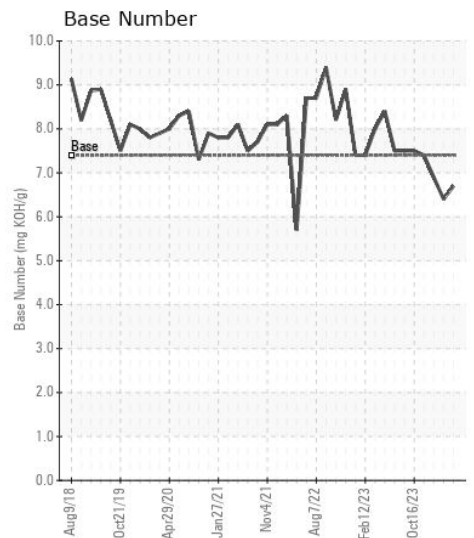
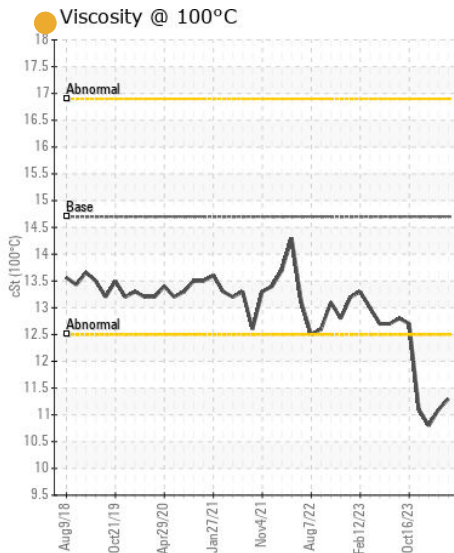
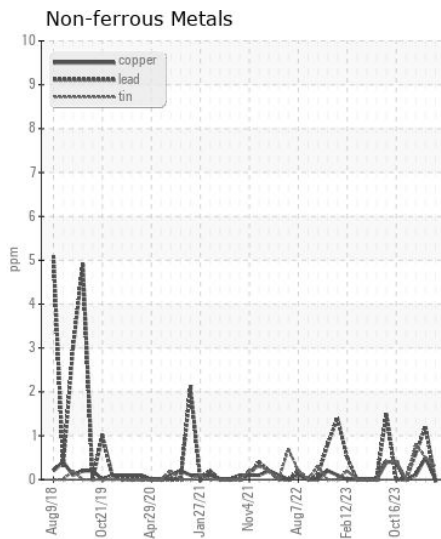
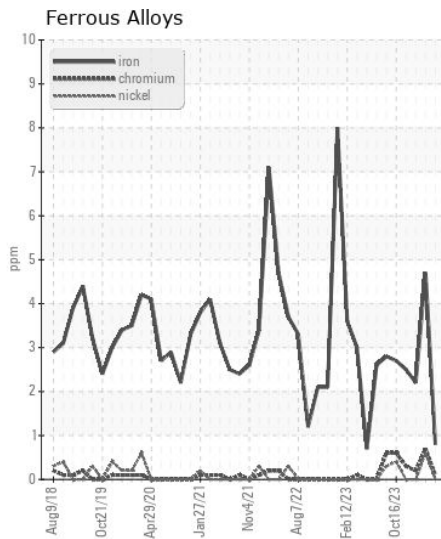
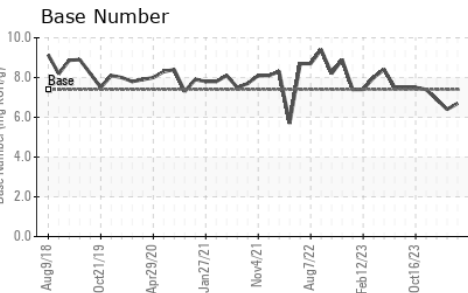
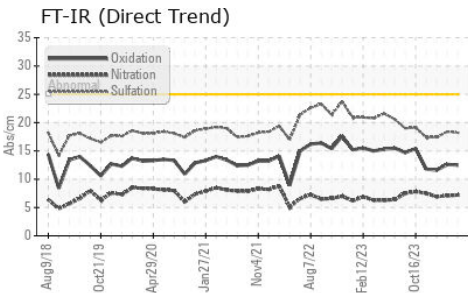
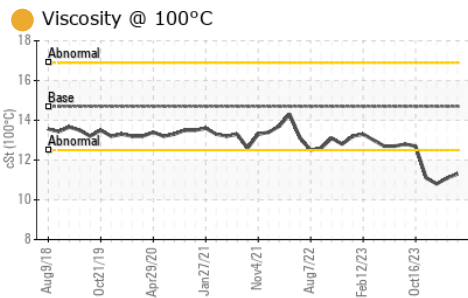
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	3	4	3
Potassium	ppm	ASTM D5185m	>20	<1	3	<1
Fuel		WC Method	>4.0	<1.0	<1.0	0.7
Water		WC Method	>0.1	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	*ASTM D7844		0.1	0.1	0.1
Nitration	Abs/cm	*ASTM D7624	>20	7.2	7.1	6.9
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.2	18.4	17.4
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

FLUID CONDITION

The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Sodium	ppm	ASTM D5185m		0	<1	2
Boron	ppm	ASTM D5185m		78	71	69
Barium	ppm	ASTM D5185m		0	1	0
Molybdenum	ppm	ASTM D5185m		25	29	26
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		261	161	96
Calcium	ppm	ASTM D5185m		2052	1882	2066
Phosphorus	ppm	ASTM D5185m	1000	912	806	851
Zinc	ppm	ASTM D5185m	1090	1034	981	977
Sulfur	ppm	ASTM D5185m		3795	3555	3024
Oxidation	Abs/.1mm	*ASTM D7414	>25	12.5	12.6	11.6
Base Number (BN)	mg KOH/g	ASTM D2896	7.4	6.7	6.4	6.9
Visc @ 100°C	cSt	ASTM D445	14.7	11.3	11.1	10.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : MW06151660

Lab Number : 06151660

Unique Number : 10981738

Test Package : MAR 2

Received : 17 Apr 2024

Tested : 18 Apr 2024

Diagnosed : 22 Apr 2024 - Jonathan Hester

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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)