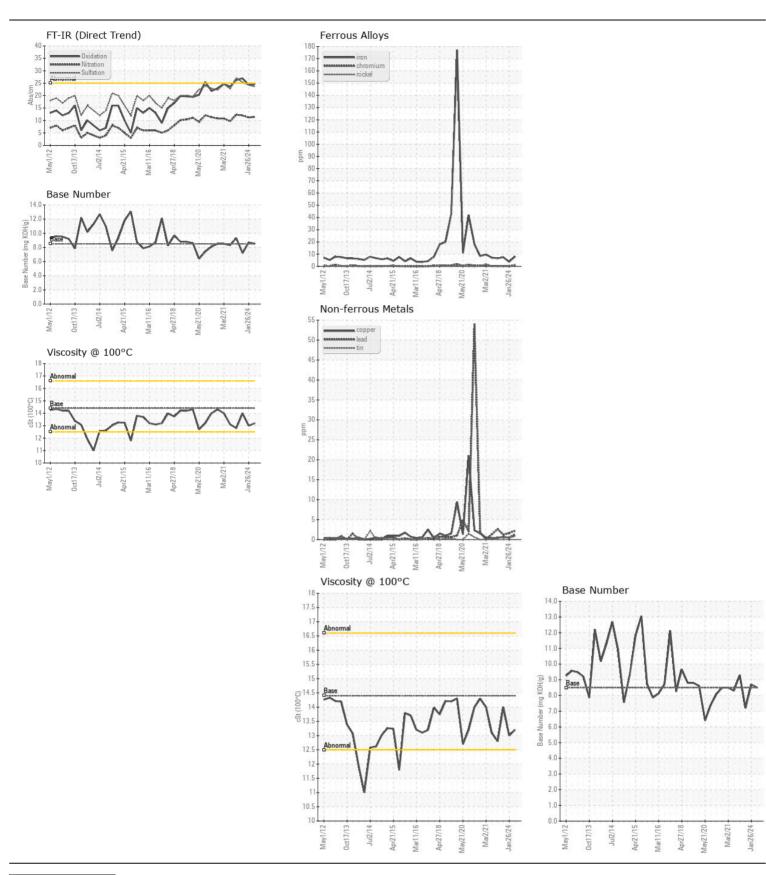
**WEAR** CONTAMINATION **FLUID CONDITION**  **NORMAL NORMAL NORMAL** 

Machine Id

## MV ANNA C

Port Genset

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		MW0062732	MW0062727	MW003666
	Sample Date		Client Info		20 Mar 2024	26 Jan 2024	10 May 202
	Machine Age	hrs	Client Info		9882	9327	7435
	Oil Age	hrs	Client Info		0	0	0
	Filter Age	hrs	Client Info		0	0	0
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	NORMAL
VEAR	Iron	ppm	ASTM D5185m	<b>&gt;50</b>	8	4	7
WEAT	Chromium	ppm	ASTM D5185m		1	<1	<1
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		1	0	0
	Titanium	ppm	ASTM D5185m	72	<1	0	0
	Silver	ppm	ASTM D5185m	<u> </u>	<1	0	0
	Aluminum	ppm	ASTM D5185m		3	3	0
	Lead	ppm	ASTM D5185m		2	2	1
	Copper	ppm	ASTM D5185m		1	<1	<1
	Tin	ppm	ASTM D5185m		1	<1	<1
	Vanadium	ppm	ASTM D5185m	7.0	<1	0	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	0.00		AOTM DEADE	05			
CONTAMINATION	Silicon	ppm	ASTM D5185m		7	5	6
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m		1	<1	4
	Fuel		WC Method		<1.0	<1.0	<1.0
	Water		WC Method	>0.1	NEG	NEG	NEG
	Glycol Soot %	0/	*ASTM D7844		NEG	NEG	NEG
	Nitration	% Abs/cm	*ASTM D7624	>20	0.1 11.4	0.1 11.2	0.1
	Sulfation	Abs/.1mm	*ASTM D7624		23.6	24.2	25.4
	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	NORM
	Odor	scalar	*Visual	NORML	NORML	NORML	NORM
	Emulsified Water		*Visual	>0.1	NEG	NEG	NEG
FLUID CONDITION	Sodium	ppm	ASTM D5185m		3	1	2
The BN result indicates that there is suitable alkalinity remaining in the	Boron	ppm	ASTM D5185m		174	239	174
oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m	100	86	109	45
	Manganese	ppm	ASTM D5185m		1	<1	<1
	Magnesium	ppm	ASTM D5185m		581	637	238
	Calcium	ppm	ASTM D5185m		1549	1425	1946
	Phosphorus	ppm	ASTM D5185m		929	739	809
	Zinc	ppm	ASTM D5185m		1087	900	1056
	Sulfur	ppm	ASTM D5185m		3096	2360	2998
	Oxidation	Abs/.1mm	*ASTM D7414		24.6 8.5	24.4 8.7	26.9 7.2
	Base Number (BN)						







Certificate L2367

Laboratory

Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06152560 Unique Number: 10982638

: MW0062732 Test Package : MAR 2

Received **Tested** 

Diagnosed

: 17 Apr 2024 : 18 Apr 2024

: 22 Apr 2024 - Don Baldridge

**C & B MARINE** 50 E RIVERCENTER BLVD, SUITE 1180

COVINGTON, KY US 41011

Contact: DAVID WESTRICH dwestrich@carlislebray.com

T: (812)290-4063 F: (859)655-7504

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)