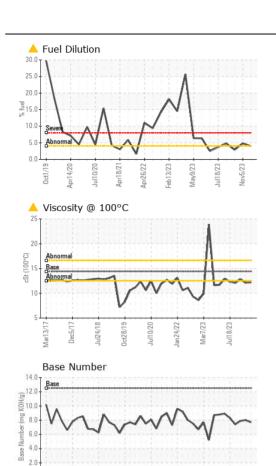
WEAR
CONTAMINATION
FLUID CONDITION

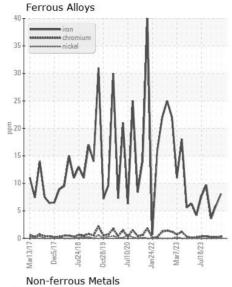
NORMAL ABNORMAL ABNORMAL

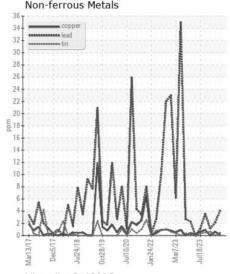
Machine Id

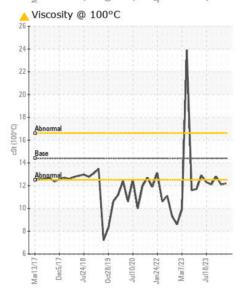
LOUISIANA PRIDE

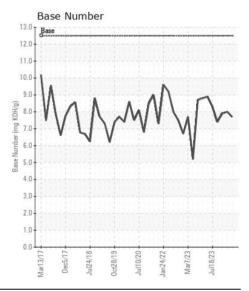
ECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number		Client Info		MW0057344	MW0003441	MW004289
The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.	Sample Date		Client Info		20 Feb 2024	05 Nov 2023	17 Oct 202
	Machine Age	hrs	Client Info		19753	18329	17235
	Oil Age	hrs	Client Info		1426	1512	407
	Filter Age	hrs	Client Info		1426	1512	407
	Oil Changed		Client Info		Changed	Changed	Not Chang
	Filter Changed		Client Info		Changed	Changed	Not Chang
	Sample Status				ABNORMAL	ABNORMAL	MARGINA
/EAR	Iron	nnm	ASTM D5185m	~ 75	8	6	4
CAN	Chromium	ppm	ASTM D5185m		o <1	<1	<1
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		<1	0	0
	Titanium	ppm	ASTM D5185m		11	10	10
	Silver	ppm	ASTM D5185m		0	0	<1
	Aluminum	ppm	ASTM D5185m		1	<1	1
	Lead	ppm	ASTM D5185m		4	2	1
	Copper	ppm	ASTM D5185m		<1	<1	0
	Tin	ppm	ASTM D5185m		<1	0	<1
	Vanadium	ppm	ASTM D5185m		<1	0	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
ONTAMINATION	Silicon	ppm	ASTM D5185m		4	3	3
There is a moderate amount of fuel present in the oil. Tests confirm the presence of fuel in the oil.	Potassium	ppm	ASTM D5185m		2	<1	3
	Fuel	%	ASTM D3524		<u>4.0</u>	4.8	2.9
	Water		WC Method	>0.1	NEG	NEG	NEG
	Glycol	21	WC Method		NEG	NEG	NEG
	Soot %	% A b a /ava	*ASTM D7844	00	0.3	0.2	0.1
	Nitration	Abs/cm	*ASTM D7624	>20	9.2	9.1	7.2
	Sulfation Silt	Abs/.1mm	*ASTM D7415		19.3 NONE	19.3	18.0 NONE
	Debris	scalar scalar	*Visual *Visual	NONE	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			>0.1	NEG	NEG	NEG
LUID CONDITION	Sodium	ppm	ASTM D5185m	>75	7	3	2
The BN result indicates that there is suitable alkalinity remaining in the	Boron	ppm	ASTM D5185m	151	85	93	110
oil. The oil is no longer serviceable due to the presence of contaminants.	Barium	ppm	ASTM D5185m	0.4	0	0	0
	Molybdenum	ppm	ASTM D5185m	250	30	26	28
	Manganese	ppm	ASTM D5185m		<1	0	<1
	Magnesium	ppm	ASTM D5185m		686	555	557
	Calcium	ppm	ASTM D5185m		1858	1533	1571
	Phosphorus	ppm	ASTM D5185m		801	679	732
	Zinc	ppm	ASTM D5185m		1006	829	872
	Sulfur	ppm	ASTM D5185m		3471	3095	3078
	Oxidation	Abs/.1mm	*ASTM D7414		15.5	15.5	13.4 7.9
	Base Number (BN)		ASTM D2896		7.7	8.0	













0.0



Certificate L2367

Laboratory Sample No.

: MW0057344 Lab Number : 06104142 Unique Number : 10902372

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

Test Package: MAR 2 (Additional Tests: PercentFuel)

Received **Tested** Diagnosed

: 29 Feb 2024 : 04 Mar 2024 : 04 Mar 2024 - Wes Davis

8400 RIVER RD, PO BOX 656 WESTWEGO, LA

US 70094-2317 Contact: KEVIN CHIASSON kevin.chiasson@adm.com

AMERICAN RIVER TRANSPORTATION CO

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.

T: F: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)