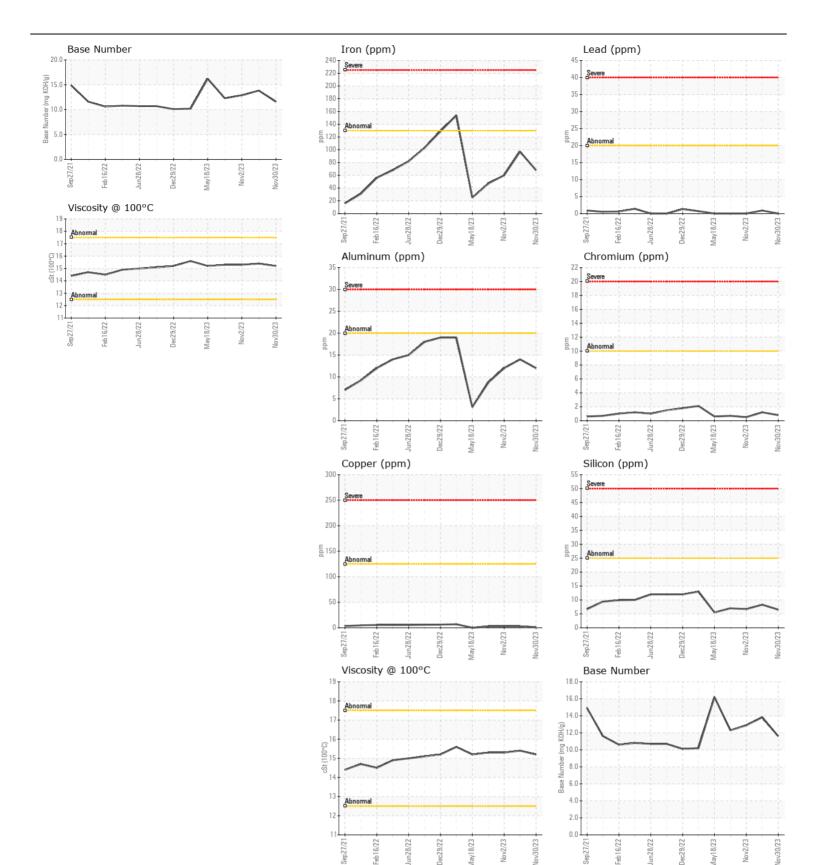
OIL ANALYSIS REPORT

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

THOMAS BUS 3

Component Diesel Engine

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		TR06102557	TR06046341	TR06004500
	Sample Date		Client Info		30 Nov 2023	30 Nov 2023	02 Nov 202
	Machine Age	hrs	Client Info		5282	5096	5035
	Oil Age	hrs	Client Info		905	0	499
	Filter Age	hrs	Client Info		186	719	292
	Oil Changed		Client Info		Not Changd	Not Changd	Not Chang
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	NORMAL
WEAR	Iron	ppm	ASTM D5185m	>130	97	68	60
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		0	<1	<1
	Silver	ppm	ASTM D5185m		0	0	0
	Aluminum	ppm	ASTM D5185m		14	12	12
	Lead	ppm	ASTM D5185m		<1	0	0
	Copper	ppm	ASTM D5185m		3	1	3
	Tin	ppm	ASTM D5185m		1	<1	0
	Vanadium	ppm	ASTM D5185m		<1	0	<1
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTABBINATION	0		AOTA DE LOS	05			
CONTAMINATION	Silicon	ppm	ASTM D5185m		8	6	7
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m		11	10	12
	Fuel		WC Method		<1.0	<1.0	<1.0
	Water		WC Method WC Method	>0.2	NEG NEG	NEG NEG	NEG NEG
	Glycol Soot %	%	*ASTM D7844	×6	2.2	1.9	1.7
	Nitration	Abs/cm	*ASTM D7624	>20	14.1	13.1	12.3
	Sulfation	Abs/.1mm	*ASTM D7024		28.7	26.6	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	>0.2	NEG	NEG	NEG
FLUID CONDITION	Sodium	ppm	ASTM D5185m		3	2	2
The BN result indicates that there is suitable alkalinity remaining in the	Boron	ppm	ASTM D5185m		1	2	0
oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0	0	7
	Molybdenum	ppm	ASTM D5185m		125	122	132
	Manganese	ppm	ASTM D5185m		<1	<1	<1
	Magnesium	ppm	ASTM D5185m		22	22	19
	Calcium	ppm	ASTM D5185m		4885	4232	4357
	Phosphorus	ppm	ASTM D5185m		959	888	1022
	Zinc	ppm	ASTM D5185m		1249	1089	1114
	Sulfur	ppm Abo/ 1mm	ASTM D5185m	. OF	4586	3970	4508
	Oxidation	Abs/.1mm	*ASTM D7414	>25	18.4	16.9	14.7
	Base Number (BN)	ma KOII/-	ASTM D2896		11.61	13.82	12.88







Certificate L2367

Laboratory Sample No.

Lab Number : 06102557 Unique Number : 10900787 Test Package : MOB 2

: TR06102557

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 27 Feb 2024 Received : 29 Feb 2024 **Tested**

: 29 Feb 2024 - Wes Davis Diagnosed

BOW SCHOOL DIST BUS GARAGE

12 RODINSON RD BOW, NH

US 03304 Contact: DON PERCY

To discuss this sample report, contact Customer Service at 1-800-827-0711.

* - 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)

Contact/Location: DON PERCY - BOWBOWNH

T: F: