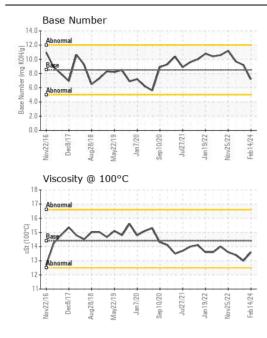
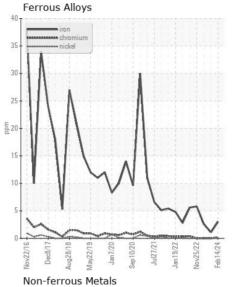
WEAR CONTAMINATION **FLUID CONDITION** **NORMAL NORMAL NORMAL**

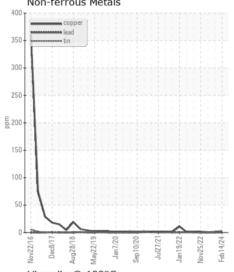
FREIGHTLINER 40918

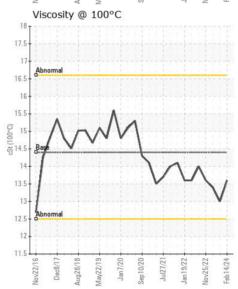
Component
Diesel Engine

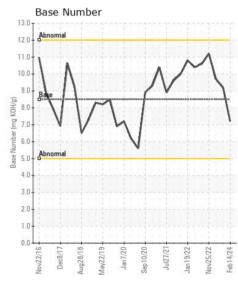
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number		Client Info		WC0875906	WC0875820	WC0787578
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.	Sample Date		Client Info		14 Feb 2024	14 Nov 2023	10 May 202
	Machine Age	mls	Client Info		398734	396798	393141
	Oil Age	mls	Client Info		20000	0	0
	Filter Age	mls	Client Info		20000	0	0
	Oil Changed		Client Info		Changed	N/A	Changed
	Filter Changed		Client Info		Changed	N/A	Changed
	Sample Status				NORMAL	NORMAL	NORMAL
VEAR	Iron	ppm	ASTM D5185m	>80	3	1	3
	Chromium	ppm	ASTM D5185m	>5	<1	0	0
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		0	0	0
	Titanium	ppm	ASTM D5185m		<1	0	0
	Silver	ppm	ASTM D5185m	>3	0	0	0
	Aluminum	ppm	ASTM D5185m	>30	2	2	0
	Lead	ppm	ASTM D5185m	>30	<1	0	0
	Copper	ppm	ASTM D5185m	>150	2	1	<1
	Tin	ppm	ASTM D5185m	>5	<1	<1	0
	Vanadium	ppm	ASTM D5185m		<1	<1	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>20	3	3	3
CONTAMINATION	Potassium	ppm	ASTM D5185m		0	2	3
There is no indication of any contamination in the oil.	Fuel	pp	WC Method	>5	<1.0	<1.0	<1.0
	Water		WC Method		NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
	Soot %	%	*ASTM D7844	>3	0.2	0.1	0.1
	Nitration	Abs/cm	*ASTM D7624	>20	5.7	6.0	6.6
	Sulfation	Abs/.1mm	*ASTM D7415	>30	19.3	18.3	18.3
	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	scalar	*Visual	>0.2	NEG	NEG	NEG
FLUID CONDITION	Sodium	ppm	ASTM D5185m	>158	<1	<1	1
	Boron	ppm	ASTM D5185m		320	11	1
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m	10	0	0	0
	Molybdenum	ppm	ASTM D5185m	100	79	81	59
	Manganese	ppm	ASTM D5185m		0	<1	<1
	Magnesium	ppm	ASTM D5185m	450	480	927	992
	Calcium	ppm		3000	1247	1047	1135
	Phosphorus	ppm	ASTM D5185m	1150	955	1060	1039
	Zinc	ppm	ASTM D5185m		1149	1222	1334
	Sulfur	ppm	ASTM D5185m	4250	3044	3242	3935
	Oxidation	Abs/.1mm	*ASTM D7414		13.4	14.1	13.8
	Base Number (BN)	mg KOH/g	ASTM D2896	8.5	7.2	9.2	9.7
	Visc @ 100°C	cSt	ASTM D445		13.6	13.0	13.4













Certificate L2367

Laboratory

Sample No.

: WC0875906 Lab Number : 06097477 Unique Number: 10890330 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 22 Feb 2024 : 23 Feb 2024 **Tested**

: 23 Feb 2024 - Wes Davis Diagnosed

SALEM NATIONALEASE CORPORATION

198 PARK PLAZA DRIVE WINSTON SALEM, NC US 27105

Contact: Audrey Hopkins

Audrey.Hopkins@salemcorp.com T: (336)767-9642

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)

F: x: