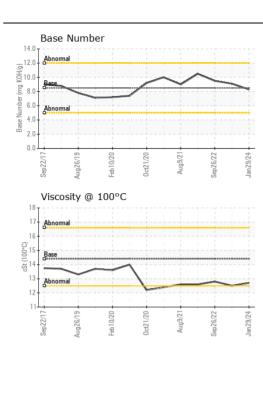
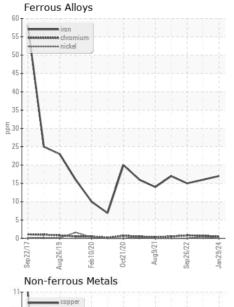
WEAR CONTAMINATION **FLUID CONDITION** **NORMAL NORMAL NORMAL**

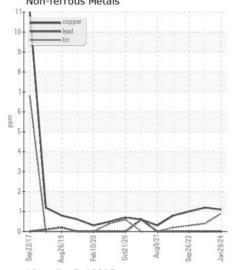
Machine Id FREIGHTLINER 17761

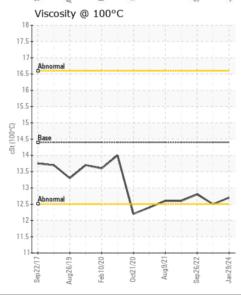
Component
Diesel Engine

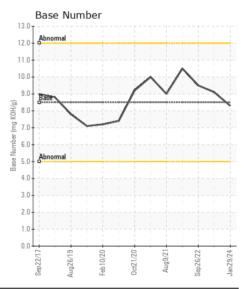
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number		Client Info		WC0866970	WC0732140	-
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.	Sample Date		Client Info		29 Jan 2024	13 Mar 2023	26 Sep 202
	Machine Age	mls	Client Info		161604	147678	140285
	Oil Age	mls	Client Info		6832	7393	8151
	Filter Age	mls	Client Info		6832	7393	8151
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	NORMAL
WEAR	Iron	ppm	ASTM D5185m	>80	17	16	15
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>5	<1	<1	<1
	Nickel	ppm	ASTM D5185m		0	<1	0
	Titanium	ppm	ASTM D5185m		0	0	<1
	Silver	ppm	ASTM D5185m	>3	0	0	<1
	Aluminum	ppm	ASTM D5185m	>30	4	4	3
	Lead	ppm	ASTM D5185m	>30	0	0	0
	Copper	ppm	ASTM D5185m	>150	1	1	1
	Tin	ppm	ASTM D5185m	>5	<1	<1	<1
	Vanadium	ppm	ASTM D5185m		<1	<1	1
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>20	4	4	5
SOTTAIMINATION	Potassium	ppm	ASTM D5185m		0	3	2
There is no indication of any contamination in the oil.	Fuel	1-1-	WC Method	>5	<1.0	<1.0	<1.0
	Water		WC Method	>0.2	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
	Soot %	%	*ASTM D7844	>3	0.5	0.6	0.7
	Nitration	Abs/cm	*ASTM D7624	>20	9.8	9.0	9.6
	Sulfation	Abs/.1mm	*ASTM D7415	>30	20.3	19.8	21.4
	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	scalar	*Visual	>0.2	NEG	NEG	NEG
FLUID CONDITION	Sodium	ppm	ASTM D5185m	>158	<1	2	1
The DNI was all indicates that there is suitable all all all all all all all all all a	Boron	ppm	ASTM D5185m	250	5	4	0
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	59	62	69
	Manganese	ppm	ASTM D5185m		<1	<1	1
	Magnesium	ppm	ASTM D5185m	450	883	915	939
	Calcium	ppm		3000	1081	1071	1103
	Phosphorus	ppm	ASTM D5185m		961	984	1062
	Zinc	ppm	ASTM D5185m		1165	1188	1252
	Sulfur	ppm	ASTM D5185m		2965	3084	3494
	Oxidation	Abs/.1mm	*ASTM D7414		17.9	15.9	16.8
	Base Number (BN)				8.3	9.1	9.5
	Visc @ 100°C	cSt	ASTM D445	1/1/1	12.7	12.5	12.8













Certificate L2367

Laboratory Sample No.

: WC0866970 Lab Number : 06097466 Unique Number: 10890319 Test Package : FLEET

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

: 23 Feb 2024 - Wes Davis

SALEM NATIONALEASE CORPORATION 198 PARK PLAZA DRIVE

WINSTON SALEM, NC US 27105

Contact: Audrey Hopkins Audrey.Hopkins@salemcorp.com

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)

T: (336)767-9642 F: x: