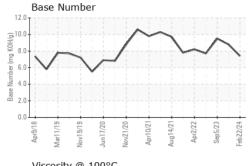
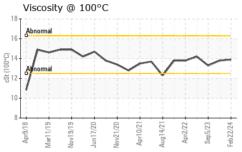
WEAR CONTAMINATION **FLUID CONDITION** **NORMAL NORMAL NORMAL**

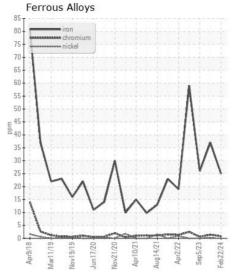
Machine Id FREIGHTLINER 29207

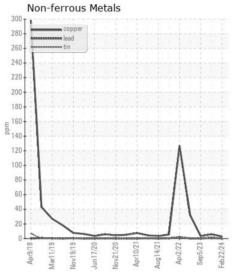
Component Diesel Engine

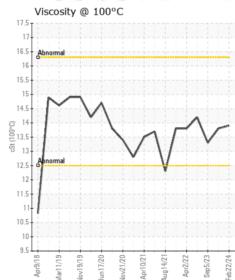
Test	UOM	Method	Limit/Abn	Current	History1	History2
				WC0904936	WC0857645	WC081777
Sample Date		Client Info		22 Feb 2024	11 Dec 2023	05 Sep 202
Machine Age	mls	Client Info		630191	607611	581266
Oil Age	mls	Client Info		22980	0	10147
Filter Age	mls	Client Info		22980	0	10147
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>80	25	37	26
Chromium	ppm	ASTM D5185m	>5	<1	1	<1
Nickel	ppm	ASTM D5185m	>2	0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>30	11	12	7
Lead	ppm	ASTM D5185m	>30	0	1	0
Copper	ppm	ASTM D5185m	>150	3	6	3
Tin	ppm	ASTM D5185m	>5	0	0	0
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	7	7	4
Potassium	ppm	ASTM D5185m	>20	1	1	<1
Fuel		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	0.4	0.2
Nitration	Abs/cm	*ASTM D7624	>20	7.7	8.1	6.0
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.3	20.5	18.6
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				NORM
						NORM
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m	>150	<1	0	1
	ppm	ASTM D5185m		119	<1	5
Barium	ppm	ASTM D5185m		0	0	0
•	ppm					67
	ppm					<1
Magnesium	ppm				967	1177
	ppm	ASTM D5185m				1375
•	ppm					1173
	ppm					1449
	ppm		0.5			4497
			>25	16.0 7.4	16.3 8.8	13.9 9.5
Base Number (BN)						
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	Sample Number Sample Date Machine Age mls Oil Age mls Filter Age mls Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Silicon ppm Fuel Water Glycol Soot % % Nitration Abs/cm Sulfation Abs/.1mm Silt scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus ppm Zinc ppm Sulfur ppm Sulfur ppm Sulfur ppm Sulfur ppm Sulfur ppm Sulfur ppm	Sample Number Sample Date Machine Age Oil Age MIS Client Info Client Info Client Info Client Info Client Info Machine Age MIS Client Info ASTM D5185m	Sample Number Sample Date Machine Age MIS Client Info Machine Age MIS Client Info Oil Age MIS Client Info Filter Age MIS Client Info Oil Changed Filter Changed Sample Status Iron Ppm ASTM D5185m Nickel Ppm ASTM D5185m Silver Potassium Ppm ASTM D5185m Silver Abs/cm *ASTM D5185m ASTM D5185m A	Sample Number Client Info WC0904936 Sample Date Client Info 22 Feb 2024 Machine Age mls Client Info 630191 Oil Age mls Client Info 22980 Filter Age mls Client Info 22980 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status NORMAL Iron ppm ASTM D5185m Changed Sample Status NORMAL NORMAL Iron ppm ASTM D5185m S80 25 Chromium ppm ASTM D5185m S5 <1	Sample Number Client Info WC0904936 WC0857645 Sample Date Client Info Client Info G010191 G07611 G07

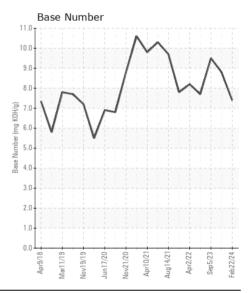














Certificate L2367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06103598

Test Package : FLEET

: WC0904936 Unique Number: 10901828

Received **Tested**

Diagnosed

: 29 Feb 2024 : 29 Feb 2024 - Wes Davis

: 28 Feb 2024

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: