WEAR CONTAMINATION **FLUID CONDITION**

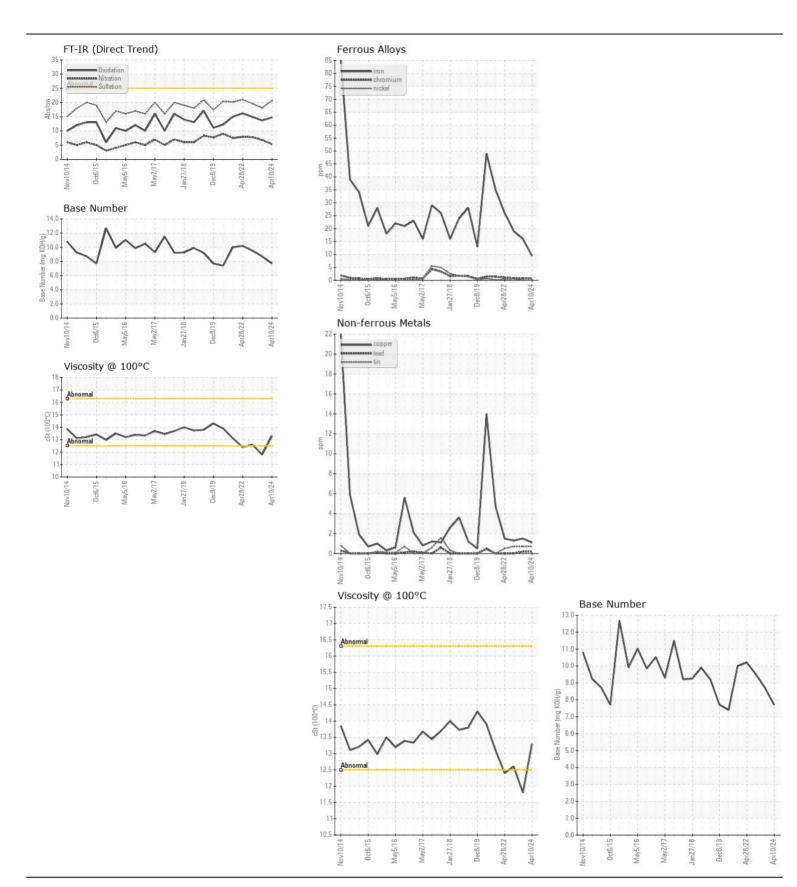
NORMAL NORMAL NORMAL

Machine Id

FREIGHTLINER 45910

Component
Diesel Engine

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0906501	WC0872012	
Sample Date		Client Info		10 Apr 2024	21 Nov 2023	25 Feb 202
Machine Age	mls	Client Info		167874	164205	158156
Oil Age	mls	Client Info		3000	7000	9000
Filter Age	mls	Client Info		3000	7000	9000
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	ABNORMAL	NORMAL
Iron	nnm	ASTM D5185m	~an	10	16	19
						<1
						0
						0
						0
						7
						0
	• •					1
Tin						<1
						0
			NONE			NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
				_	_	
	• •					4
	ppm					9
						<1.0
			>0.2			NEG
-	0/		0			NEG
						0.2
						7.8
						19.6 NONE
						NONE
						NONE
						NORM
• •						NORM
						NEG
Sodium	ppm	ASTM D5185m	>150	<1	<1	<1
	ppm			422	11	8
	ppm			0		0
-	ppm					67
	ppm					<1
•	ppm					970
	ppm					1216
	ppm					1016
						1291
			0.5			3814
	Ano/ 1mm	*ASTM D7414	~ ント	14.7	13.7	14.9
Oxidation Base Number (BN)	Abs/.1mm	ASTM D2896	725	7.7	8.7	9.5
	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 Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor Emulsified Water	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel ppm Titanium silver Aluminum Lead Copper Tin ypm Vanadium White Metal Yellow Metal Soot % Nitration Sulfation Silt scalar Debris scalar Sand/Dirt Appearance Odor scalar Emulsified Water Sodium ppm Boron Barium ppm Molybdenum Manganese ppm Magnesium Calcium ppm Phosphorus Zinc ppm Ppm Phosphorus Zinc ppm Ppm Ppm Ppm Ppm Phosphorus ppm Zinc ppm	Sample Number Sample Date Machine Age MIS Oil Age MIS Oilent Info Oil Age MIS Oilent Info Oil Changed Filter Age Oil Changed Sample Status Iron Chromium Dpm ASTM D5185m Nickel Dpm ASTM D5185m Nickel Dpm ASTM D5185m Aluminum Dpm ASTM D5185m Copper Dpm ASTM D5185m Vanadium Dpm ASTM D5185m Visual Vellow Metal Scalar Visual Silicon Dpm ASTM D5185m Fuel WC Method Water WC Method Water WC Method Water WC Method Soot % Abs/lmm *ASTM D7624 Sulfation Abs/cm *ASTM D7624 Sulfation Abs/lmm *ASTM D7624 Sulfation Abs/lmm *Visual Sand/Dirt Scalar *Visual Appearance Scalar *Visual Scalar *Visual Scalar *Visual Scalar *Visual Appearance Scalar *Visual Scalar *Visual Appearance Odor Scalar *Visual Scalar *Visual Scalar *Visual Appearance Odor Scalar *Visual Scalar *Visual Appearance Odor Scalar *Visual Scalar *Visual Appearance Odor Scalar *Visual Appearance Odor Scalar *Visual Scalar *Visual Scalar *Visual Appearance Odor Scalar *Visual	Sample Number Sample Date Client Info Machine Age MIS Client Info Oil Age MIS Client Info Client Info Oil Age MIS Client Info Oil Changed Client Info Filter Age MIS Client Info Client Info Client Info Client Info Filter Changed Client Info Sample Status Iron ppm ASTM D5185m ASTM D5185m AT Titanium ppm ASTM D5185m AS	Sample Number Sample Date Client Info WC0906501 Sample Date Client Info 10 Apr 2024 Machine Age mls Client Info 3000 Filter Age mls Client Info 3000 Gil Changed Client Info Changed Filter Changed Client Info Changed Sample Status NORMAL Iron ppm ASTM D5185m >90 10 Chromium ppm ASTM D5185m >4 <1	Sample Number Sample Date Client Info WC0906501 WC0872012 Sample Date Client Info 10 Apr 2024 21 Nov 2023 Machine Age mls Client Info 167874 164205 Oil Age mls Client Info 3000 7000 Filter Age mls Client Info Changed Changed Client Info Changed Changed Filter Changed Client Info Changed Sample Status NORMAL Changed Iron ppm ASTM D5185m >90 10 16 Chromium ppm ASTM D5185m >4 <1







Laboratory

Sample No.

: WC0906501 Lab Number : 06156712 Unique Number: 10992135

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

Diagnosed : 23 Apr 2024 - Wes Davis

SALEM NATIONALEASE CORPORATION

198 PARK PLAZA DRIVE WINSTON SALEM, NC

US 27105 Contact: Audrey Hopkins

Audrey.Hopkins@salemcorp.com

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

Test Package : FLEET Certificate L2367

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)