WEAR CONTAMINATION **FLUID CONDITION**

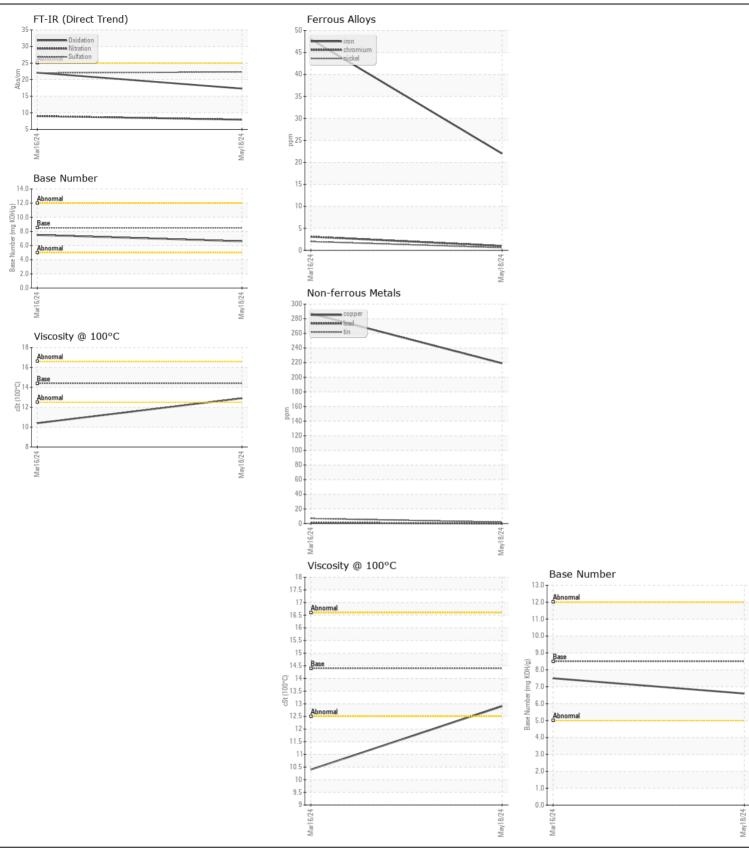
NORMAL NORMAL NORMAL

Machine Id

3241652

Component Diesel Engine

Test						
	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0879919	WC0879995	
Sample Date		Client Info		18 May 2024	16 Mar 2024	
Machine Age	mls	Client Info		49336	27535	
Oil Age	mls	Client Info		20000	0	
•	mls			20000	0	
_		Client Info		Changed	N/A	
		Client Info			N/A	
Sample Status				NORMAL	NORMAL	
Iron	ppm	ASTM D5185m	>100	22	48	
Chromium	ppm	ASTM D5185m	>20	1	3	
Nickel				<1	2	
Titanium	• • • • • • • • • • • • • • • • • • • •	ASTM D5185m			<1	
Silver			>3	<1	<1	
Aluminum				27	50	
Lead				0	<1	
				219	287	
Tin					7	
Vanadium				<1	<1	
White Metal		*Visual	NONE		NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	maa	ASTM D5185m	>25	6	10	
	• • • • • • • • • • • • • • • • • • • •					
	pp					
•	%		>3			
Odor						
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
Sodium	ppm	ASTM D5185m	>158	3	4	
					43	
Molybdenum						
,		ASTM D5185m			7	
_			450			
•					1643	
Zinc				1129	876	
					2174	
Oxidation	Abs/.1mm			17.3	22.1	
	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 Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Oxidation	Machine Age Oil Age mls Filter Age Oil Changed Filter Changed Sample Status Iron Chromium ppm Chromium ppm Nickel ppm Titanium ppm Silver Aluminum Lead ppm Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Scalar Sand/Dirt Appearance Odor Scalar Emulsified Water Sodium Ppm Manganese ppm Magnesium Ppm Magnesium Ppm Mass'.1mm Nag Number (BN) Mg KOH/g Mg KOH/g Mg Satus MIS	Machine Age mls Client Info Oil Age mls Client Info Filter Age mls Client Info Oil Changed Client Info Filter Changed Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Silver ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar Visual Yellow Metal scalar Visual Silicon ppm ASTM D5185m Fuel WC Method Water WC Method Water WC Method Soot % % "ASTM D7844 Nitration Abs/cm "ASTM D7844 Nitration Abs/cm "ASTM D7845 Silt scalar "Visual Debris scalar "Visual Sand/Dirt scalar "Visual Sodium ppm ASTM D5185m Boron ppm ASTM D5185m Barium ppm ASTM D5185m Barium ppm ASTM D5185m Barium ppm ASTM D5185m Manganese ppm ASTM	Machine Age mls Client Info Oil Age mls Client Info Filter Age mls Client Info Oil Changed Client Info Filter Changed Client Info Sample Status Client Info Iron ppm ASTM D5185m >100 Chromium ppm ASTM D5185m >20 Nickel ppm ASTM D5185m >3 Nickel ppm ASTM D5185m >4 Titanium ppm ASTM D5185m >20 Aluminum ppm ASTM D5185m >20 Lead ppm ASTM D5185m >20 Lead ppm ASTM D5185m >20 Lead ppm ASTM D5185m >15 Vanadium ppm ASTM D5185m >15 Vanadium ppm ASTM D5185m >15 Valual NONE Visual NONE Silicon ppm ASTM D5185m >20 Valual	Machine Age mls Client Info 49336 Oil Age mls Client Info 20000 Filter Age mls Client Info 20000 Oil Changed Client Info Changed Filter Changed Client Info Changed Sample Status Client Info Changed Iron ppm ASTM D5185m >100 Sample Status SIMST >100 22 Chromium ppm ASTM D5185m >20 1 Nickel ppm ASTM D5185m >20 1 Nickel ppm ASTM D5185m >3 <1	Machine Age mls Client Info 20000 0 Oil Age mls Client Info 20000 0 Filter Age mls Client Info 20000 0 Oil Changed Client Info Changed N/A Filter Changed Client Info Changed N/A Filter Changed Sample Status Client Info Changed Iron ppm ASTM D5185m >100 22 48 Nickel ppm ASTM D5185m >20 1 3 -1 1 2 Nickel ppm ASTM D5185m >3 <1







Certificate L2367

Laboratory Sample No.

: WC0879919 Lab Number : 06193442 Unique Number : 11050194 Test Package : FLEET

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 28 May 2024 : 30 May 2024 **Tested**

Diagnosed : 30 May 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

* - 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: