WEAR CONTAMINATION FLUID CONDITION

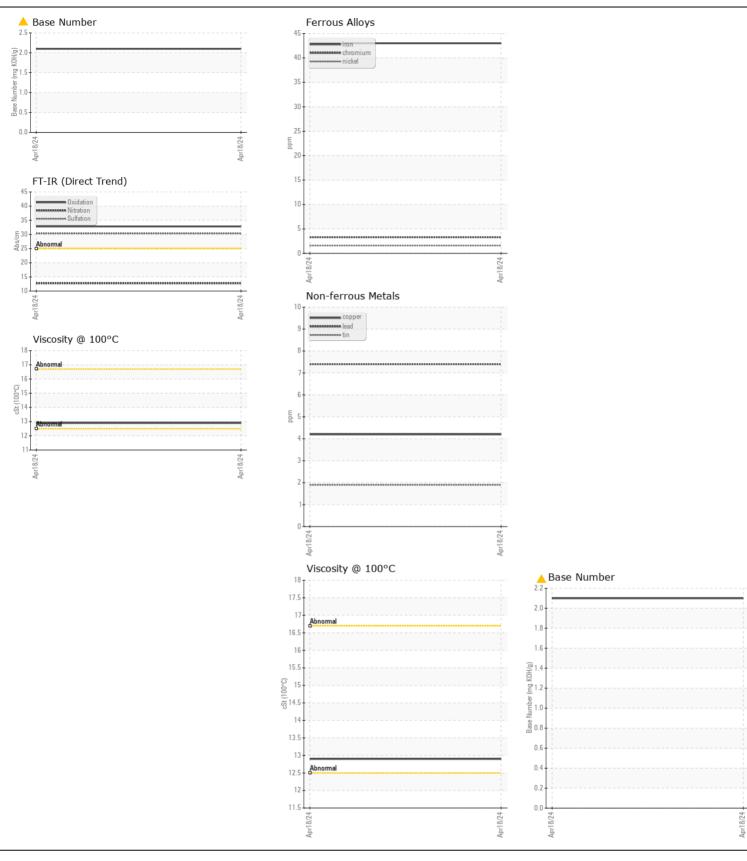
NORMAL NORMAL ABNORMAL

Machine Id

327241

## Component Diesel Engine

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0915976		
Sample Date		Client Info		18 Apr 2024		
Machine Age	mls	Client Info		149398		
Oil Age	mls	Client Info		24000		
Filter Age	mls	Client Info		24000		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		Changed		
Sample Status				ABNORMAL		
Iron	ppm					
Chromium	ppm	ASTM D5185m	>20			
	ppm		>4	2		
	ppm	ASTM D5185m		<1		
Silver	ppm			<1		
Aluminum	ppm	ASTM D5185m	>20	7		
Lead	ppm			7		
Copper	ppm	ASTM D5185m	>330	4		
Tin	ppm		>15	2		
	ppm					
White Metal	scalar	*Visual	NONE			
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>25	8		
Potassium		ASTM D5185m	>20	15		
Fuel	1-1-	WC Method	>5			
Glycol		WC Method		NEG		
Soot %	%	*ASTM D7844	>3			
Nitration	Abs/cm	*ASTM D7624	>20	12.7		
Sulfation	Abs/.1mm	*ASTM D7415	>30	30.3		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
<b>Emulsified Water</b>	scalar	*Visual	>0.2	NEG		
	ppm	ASTM D5185m		4		
Boron	ppm	ASTM D5185m		13		
	ppm					
•	ppm			64		
Manganese	ppm	ASTM D5185m		2		
Magnesium	ppm	ASTM D5185m		868		
Calcium	ppm	ASTM D5185m		1199		
Phosphorus	ppm	ASTM D5185m		1142		
Zinc	ppm	ASTM D5185m		1248		
Sulfur	ppm			3446		
Oxidation	Abs/.1mm		>25	32.8		
Base Number (BN)				<b>2.1</b>		
	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 Magnesium Calcium Phosphorus Zinc Sulfur	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 Potassium ppm Fuel Water Glycol Soot % % Nitration Abs/cm Sulfation Abs/.1mm Silt scalar Sand/Dirt scalar Sand/Dirt scalar Sand/Dirt scalar Sandroirt scalar Sodium ppm Boron ppm Boron ppm Boron ppm Manganese ppm Magnesium ppm Calcium ppm Calcium ppm Phosphorus ppm Sulfur ppm Sulfur ppm Sulfur ppm Sulfur ppm	Sample Number Sample Date Machine Age MIS Client Info Sample Status  Iron  ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Nickel ppm ASTM D5185m Norm Silver ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Vanadium ppm ASTM D5185m Volual Volual Silicon ppm ASTM D5185m Fuel WC Method Water WC Method Water WC Method Soot % % ASTM D7624 Sulfation Abs/.1mm *ASTM D7625 Sulfur Ppm ASTM D5185m	Sample Number Sample Date Machine Age Mls Client Info Machine Age Mls Client Info Mise Machine Age Mls Client Info Client Info Mise Mise Client Info Client Info Filter Age Mls Client Info Client Info Client Info Client Info Filter Changed Filter Changed Client Info Sample Status  Iron  ppm ASTM D5185m Silver ASTM D5185m Silver Appearance Copper Fuel Water Glycol Soot % Nitration Abs/Lmm Abs/Lmm Abs/Lmm Abs/Lmm Abs/Lmm Abs/Lmm Abs/Lmm Abs/Lmm ASTM D5185m Alunone Abs/Lmm Astm D5185m Alunone Abs/Lmm	Sample Number Sample Date         Client Info         WC0915976           Sample Date Machine Age         mls         Client Info         18 Apr 2024           Machine Age         mls         Client Info         24000           Oil Age         mls         Client Info         24000           Filter Age         mls         Client Info         Changed           Filter Changed         Client Info         Changed           Sample Status         Client Info         Changed           Iron         ppm         ASTM D5185m         >100         43           Chromium         ppm         ASTM D5185m         >20         3           Nickel         ppm         ASTM D5185m         >4         2           Titanium         ppm         ASTM D5185m         >3         <1	Sample Number   Client Info   WC0915976   Cample Date   Client Info   18 Apr 2024   Client Info   149398   Client Info   149398   Client Info   24000   Client Info   Changed   Chromium   Chromium







Certificate L2367

Laboratory Sample No.

: WC0915976 Lab Number : 06161123 Unique Number: 10996546 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 25 Apr 2024 **Tested** : 29 Apr 2024

Diagnosed : 29 Apr 2024 - Don Baldridge

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: