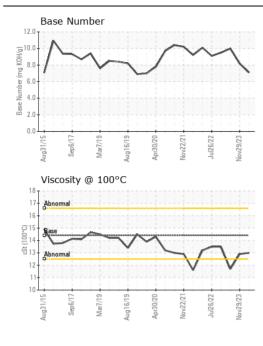


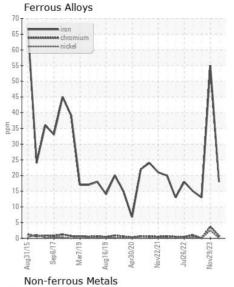
WEAR CONTAMINATION **FLUID CONDITION** **NORMAL NORMAL NORMAL**

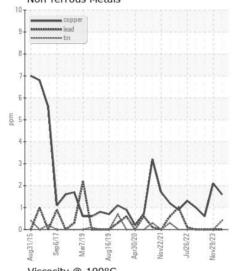
Machine Id 4980

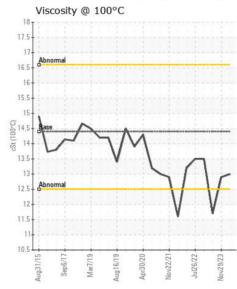
Component Diesel Engine

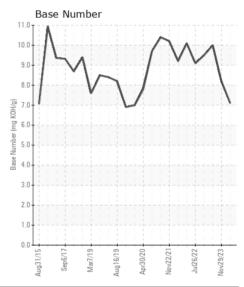
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		WC0875770	WC0875747	WC071765
	Sample Date		Client Info		06 Feb 2024	29 Nov 2023	31 May 2020
	Machine Age	mls	Client Info		374565	362193	332701
	Oil Age	mls	Client Info		0	0	0
	Filter Age	mls	Client Info		0	0	0
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	N/A
	Sample Status				NORMAL	ABNORMAL	ATTENTION
VEAR	Iron	ppm	ASTM D5185m	>100	18	55	13
	Chromium	ppm	ASTM D5185m	>20	<1	4	0
All component wear rates are normal.	Nickel	ppm	ASTM D5185m	>4	<1	2	0
	Titanium	ppm	ASTM D5185m		0	<1	0
	Silver	ppm	ASTM D5185m	>3	0	0	0
	Aluminum	ppm	ASTM D5185m	>20	5	<u>^</u> 26	4
	Lead	ppm	ASTM D5185m	>40	0	0	0
	Copper	ppm	ASTM D5185m	>330	2	2	<1
	Tin	ppm	ASTM D5185m	>15	<1	0	0
	Vanadium	ppm	ASTM D5185m		0	0	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>25	6	11	6
	Potassium	ppm	ASTM D5185m	>20	2	8	<1
There is no indication of any contamination in the oil.	Fuel		WC Method	>5	<1.0	<1.0	0.7
	Water		WC Method	>0.2	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
	Soot %	%	*ASTM D7844	>3	0.4	0.5	0.7
	Nitration	Abs/cm	*ASTM D7624	>20	7.6	9.0	9.2
	Sulfation	Abs/.1mm	*ASTM D7415	>30	21.8	20.2	23.7
	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		1	3	3
The BN result indicates that there is suitable alkalinity remaining in the	Boron	ppm	ASTM D5185m		261	4	20
oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0	6	0
	Molybdenum	ppm	ASTM D5185m		89	84	45
	Manganese	ppm	ASTM D5185m		<1	<1	<1
	Magnesium	ppm	ASTM D5185m		450	988	582
	Calcium	ppm	ASTM D5185m		1357	1211	1745
	Phosphorus	ppm	ASTM D5185m		1061	1069	791
	Zinc	ppm	ASTM D5185m		1255	1288	984
	Sulfur	ppm	ASTM D5185m	05	3202	3184	2985
	Oxidation	Abs/.1mm	*ASTM D7414	>25	15.9	16.6	22.1
	Base Number (BN)	IIIU NUH/0	ASTM D2896		7.1	8.2	10.0













Certificate L2367

Laboratory Sample No.

: WC0875770 Lab Number : 06089343 Unique Number: 10876788 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 14 Feb 2024 **Tested** : 15 Feb 2024

: 16 Feb 2024 - Don Baldridge Diagnosed

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: