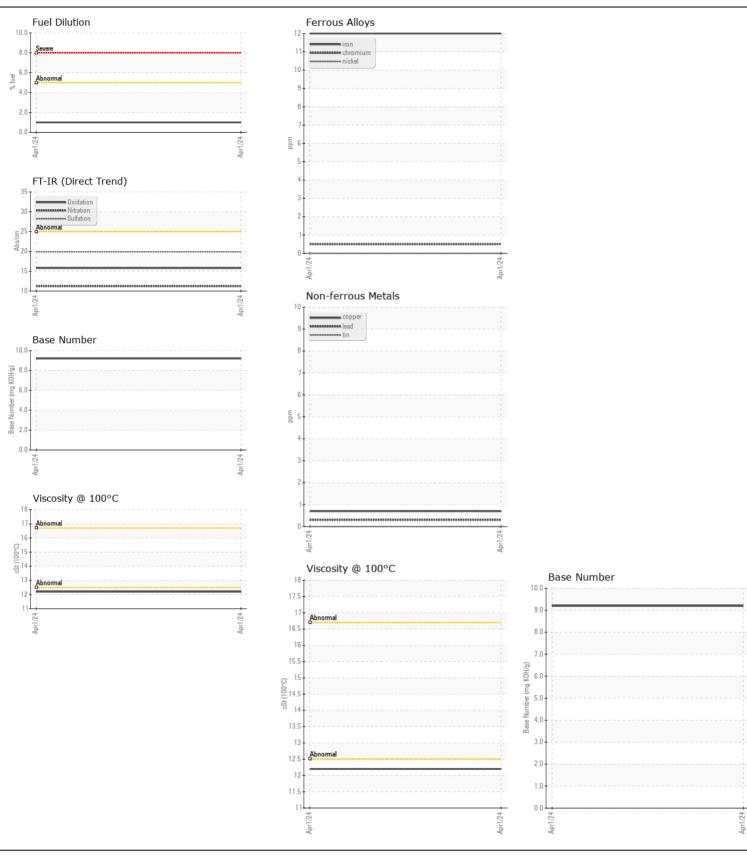
WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL

Machine Id

12528 - REEFER

Component							
Diesel Engine							
DELCO 15W40 (QTS)							
DECOMMENDATION	T4	LIOM	Mathaal	1 ::t/Ala-a	Q	I Batamut	l linka m .O
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. Please specify the component make and model with your next sample.	Sample Number		Client Info		WC0913856		
	Sample Date	laua	Client Info		01 Apr 2024		
	Machine Age	hrs	Client Info		1356		
	Oil Age	hrs	Client Info		0		
	Filter Age Oil Changed	hrs	Client Info		0		
	_		Client Info		Changed		
	Filter Changed Sample Status		Client Info		Changed NORMAL		
					NORWAL		
WEAR	Iron	ppm	ASTM D5185m	>100	12		
	Chromium	ppm	ASTM D5185m	>20	<1		
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		0		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m	>3	<1		
	Aluminum	ppm	ASTM D5185m		3		
	Lead	ppm	ASTM D5185m		<1		
	Copper	ppm	ASTM D5185m		<1		
	Tin	ppm	ASTM D5185m		0		
	Vanadium	ppm	ASTM D5185m		0		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION Light fuel dilution occurring. No other contaminants were detected in the oil.	Silicon	ppm	ASTM D5185m	>25	4		
	Potassium	ppm	ASTM D5185m	>20	<1		
	Fuel	%	ASTM D3524	>5	1.0		
	Water		WC Method	>0.2	NEG		
	Glycol		WC Method		NEG		
	Soot %	%	*ASTM D7844	>3	1		
	Nitration	Abs/cm	*ASTM D7624	>20	11.2		
	Sulfation	Abs/.1mm	*ASTM D7415	>30	19.9		
	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		
	Emulsified Water	scalar	*Visual	>0.2	NEG		
ELUID CONDITION	O- di		ACTM DE10E				
FLUID CONDITION	Sodium	ppm	ASTM D5185m		<1		
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Boron Barium	ppm	ASTM D5185m		5		
		ppm	ASTM D5185m		0		
	Molybdenum	ppm	ASTM D5185m		76		
	Manganese	ppm	ASTM D5185m		<1		
	Magnesium	ppm	ASTM D5185m ASTM D5185m		1132		
	Calcium	ppm	ASTM D5185m		1376		
	Phosphorus	ppm			1193		
	Zinc	ppm	ASTM D5185m		1519		
	Sulfur	ppm Abo/ 1mm	ASTM D5185m	- OF	4050		
	Oxidation	Abs/.1mm	*ASTM D7414	>20	15.8		
	Base Number (BN) Visc @ 100°C		ASTM D2896 ASTM D445		9.2		
	visc@ 100°C	cSt	MO 1 IVI D440		12.2		







Certificate L2367

Laboratory Sample No.

Lab Number : 06193366 Unique Number : 11050118

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0913856

Received **Tested** Diagnosed Test Package: FLEET (Additional Tests: FuelDilution, PercentFuel)

: 28 May 2024 : 31 May 2024

: 31 May 2024 - Wes Davis

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)

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