



PacLease

# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**859-1894**  
 Component  
**Diesel Engine**  
 Fluid  
**MOBIL DELVAC 1300 SUPER15W40 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>RPL0019742</b>	RPL0013221	RPL0012674
Sample Date		Client Info		<b>08 Apr 2024</b>	29 Aug 2023	18 May 2023
Machine Age	mls	Client Info		<b>343409</b>	309825	309824
Oil Age	mls	Client Info		<b>0</b>	0	0
Filter Age	mls	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Changed	Not Changed
Filter Changed		Client Info		<b>Not Changd</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>100	<b>20</b>	▲ 138	76
Chromium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	4	2
Nickel	ppm	ASTM D5185m	>4	<b>0</b>	1	1
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m	>3	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>20	<b>4</b>	● 18	12
Lead	ppm	ASTM D5185m	>40	<b>&lt;1</b>	0	1
Copper	ppm	ASTM D5185m	>330	<b>5</b>	8	5
Tin	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

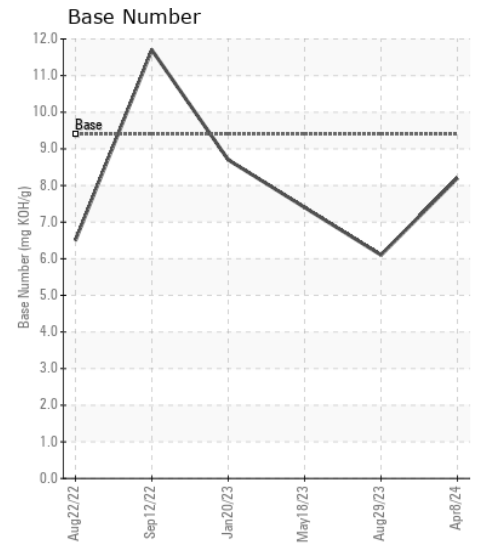
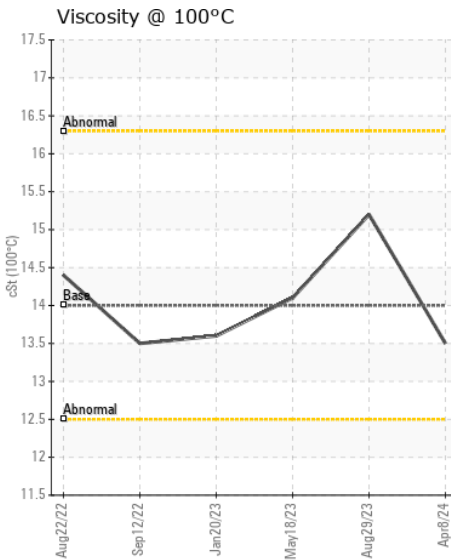
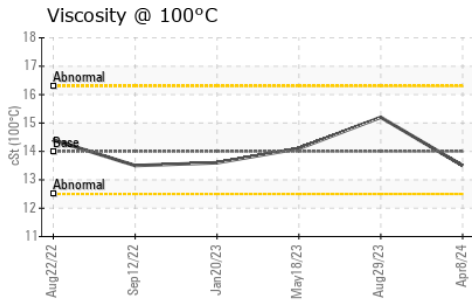
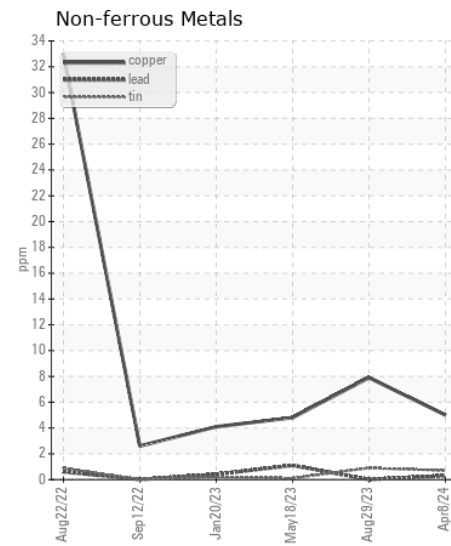
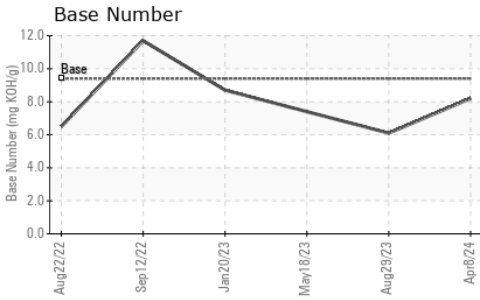
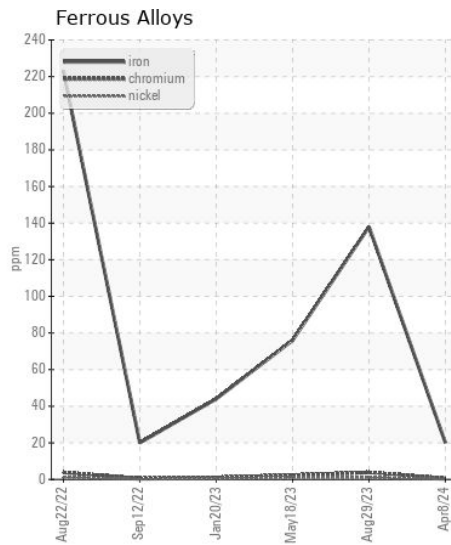
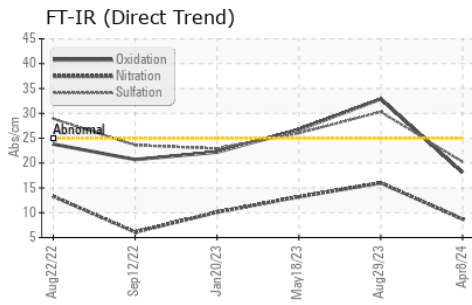
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	<b>6</b>	▲ 29	20
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	3	5
Fuel		WC Method	>5	<b>&lt;1.0</b>	<1.0	<1.0
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Glycol		WC Method		<b>NEG</b>	NEG	NEG
Soot %	%	*ASTM D7844	>3	<b>0.4</b>	1.7	1.1
Nitration	Abs/cm	*ASTM D7624	>20	<b>8.7</b>	16.0	13.2
Sulfation	Abs/.1mm	*ASTM D7415	>30	<b>20.2</b>	30.3	26.0
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	NEG

## FLUID CONDITION

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m		<b>2</b>	6	4
Boron	ppm	ASTM D5185m	0	<b>84</b>	27	28
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>94</b>	52	45
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	1	1
Magnesium	ppm	ASTM D5185m	0	<b>638</b>	571	524
Calcium	ppm	ASTM D5185m		<b>1450</b>	2172	1884
Phosphorus	ppm	ASTM D5185m		<b>756</b>	930	827
Zinc	ppm	ASTM D5185m		<b>846</b>	1113	1040
Sulfur	ppm	ASTM D5185m		<b>3339</b>	2912	3013
Oxidation	Abs/.1mm	*ASTM D7414	>25	<b>18.1</b>	32.9	26.7
Base Number (BN)	mg KOH/g	ASTM D2896	9.4	<b>8.2</b>	6.1	7.4
Visc @ 100°C	cSt	ASTM D445	14	<b>13.5</b>	15.2	14.1



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : RPL0019742  
**Lab Number** : 06153917  
**Unique Number** : 10989340  
**Test Package** : FLEET

**Received** : 19 Apr 2024  
**Tested** : 22 Apr 2024  
**Diagnosed** : 22 Apr 2024 - Wes Davis

**RTL PACLEASE - 7051 -Las Vegas**  
 4150 Arctic Spring Ave  
 North Las Vegas, NV  
 US 89115

Contact: Rudy Trevizo  
 TrevizoR@RushEnterprises.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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F: