



PacLease

# OIL ANALYSIS REPORT

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

Machine Id  
**846-4478**  
 Component  
**Diesel Engine**  
 Fluid  
**MOBIL DELVAC 1300 SUPER 15W40 (--- 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>RPL0020496</b>	RPL0016938	RPL0016151
Sample Date		Client Info		<b>27 Jun 2024</b>	19 Jan 2024	01 Nov 2023
Machine Age	mls	Client Info		<b>468776</b>	432537	417673
Oil Age	mls	Client Info		<b>36239</b>	14864	40978
Filter Age	mls	Client Info		<b>36239</b>	14864	40978
Oil Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Filter Changed		Client Info		<b>Not Changd</b>	Changed	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>100	<b>9</b>	3	16
Chromium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>4	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m	>3	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>20	<b>5</b>	3	4
Lead	ppm	ASTM D5185m	>40	<b>0</b>	1	0
Copper	ppm	ASTM D5185m	>330	<b>2</b>	1	3
Tin	ppm	ASTM D5185m	>15	<b>0</b>	<1	0
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

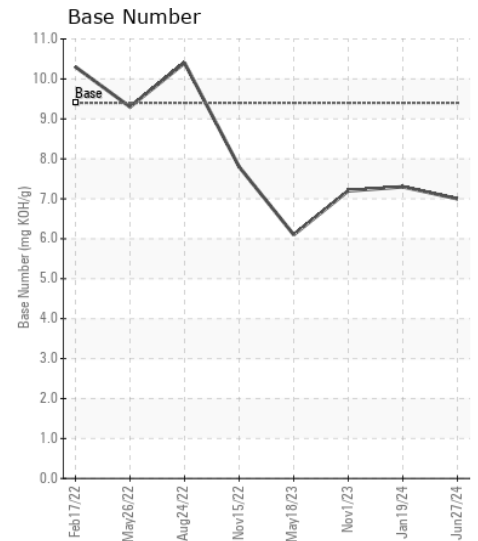
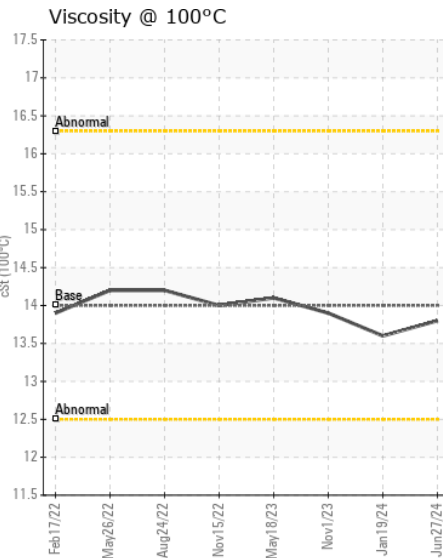
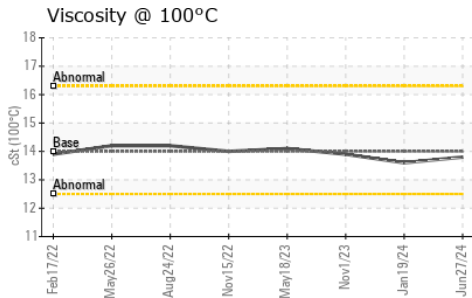
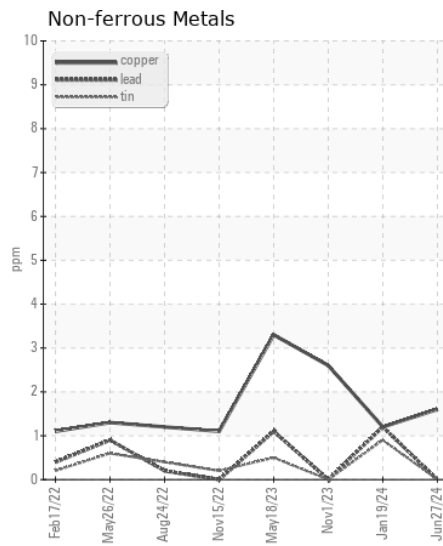
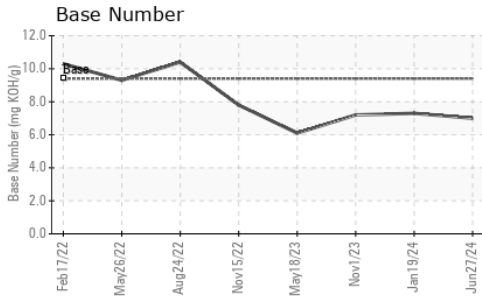
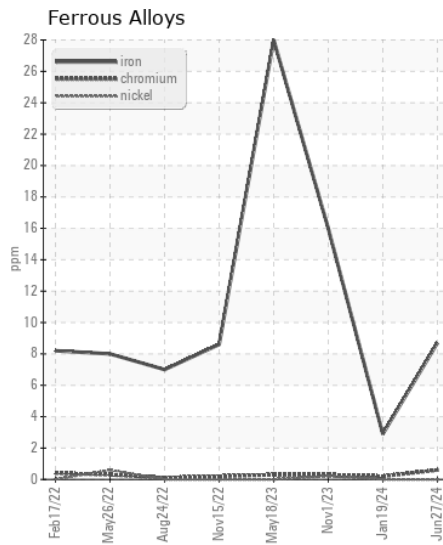
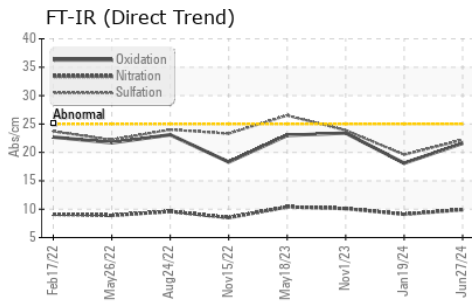
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	<b>8</b>	8	10
Potassium	ppm	ASTM D5185m	>20	<b>6</b>	2	6
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>	0.2	0.5
Nitration	Abs/cm	*ASTM D7624	>20	<b>9.9</b>	9.1	10.1
Sulfation	Abs/.1mm	*ASTM D7415	>30	<b>22.2</b>	19.6	23.9
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>	3	2
Boron	ppm	ASTM D5185m	0	<b>30</b>	61	31
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>78</b>	87	58
Manganese	ppm	ASTM D5185m		<b>0</b>	<1	0
Magnesium	ppm	ASTM D5185m	0	<b>597</b>	571	513
Calcium	ppm	ASTM D5185m		<b>1601</b>	1252	1605
Phosphorus	ppm	ASTM D5185m		<b>767</b>	688	781
Zinc	ppm	ASTM D5185m		<b>946</b>	817	979
Sulfur	ppm	ASTM D5185m		<b>2439</b>	2553	2860
Oxidation	Abs/.1mm	*ASTM D7414	>25	<b>21.6</b>	18.1	23.4
Base Number (BN)	mg KOH/g	ASTM D2896	9.4	<b>7.0</b>	7.3	7.2
Visc @ 100°C	cSt	ASTM D445	14	<b>13.8</b>	13.6	13.9



Certificate L2367

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

**Sample No.** : RPL0020496

**Lab Number** : 06234501

**Unique Number** : 11123335

**Test Package** : FLEET

**Received** : 12 Jul 2024

**Tested** : 12 Jul 2024

**Diagnosed** : 12 Jul 2024 - Wes Davis

**RTL PACLEASE - 7007 - Fontana**

3121 South Riverside

Bloomington, CA

US 92316

Contact: Rudy Trevizo

TrevizoR@RushEnterprises.Com

T: (909)829-1044

F:

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)