



PacLease

# OIL ANALYSIS REPORT

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

Machine Id  
**8591770**  
 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>RPL0021257</b>	RPL0017276	RPL0015399
Sample Date		Client Info		<b>26 Jun 2024</b>	09 Jan 2024	10 Oct 2023
Machine Age	mls	Client Info		<b>162418</b>	158391	157946
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>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Changed</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>100	<b>6</b>	3	24
Chromium	ppm	ASTM D5185m	>20	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185m	>4	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	0
Silver	ppm	ASTM D5185m	>3	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>20	<b>2</b>	3	3
Lead	ppm	ASTM D5185m	>40	<b>0</b>	0	<1
Copper	ppm	ASTM D5185m	>330	<b>&lt;1</b>	<1	57
Tin	ppm	ASTM D5185m	>15	<b>0</b>	<1	1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

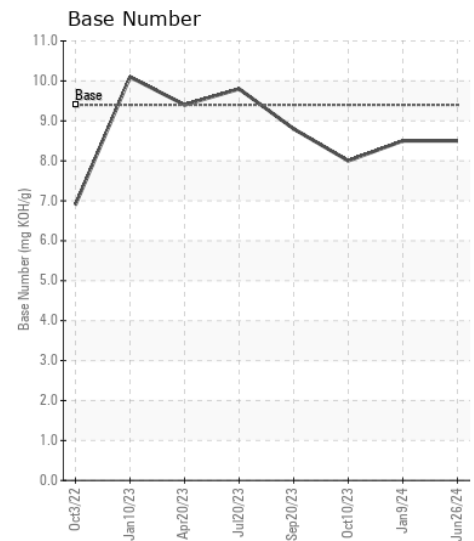
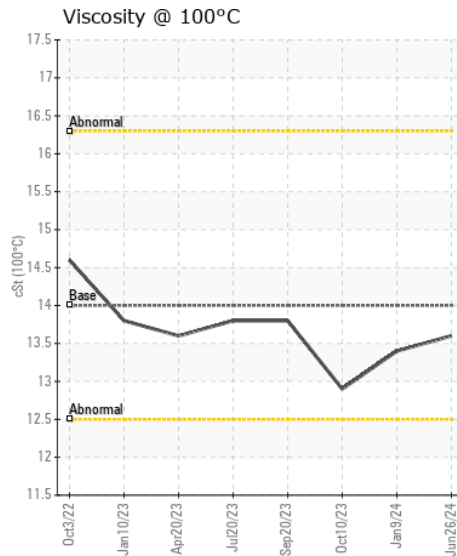
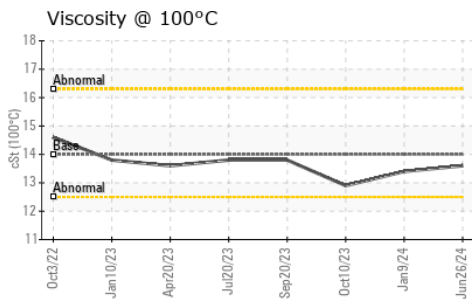
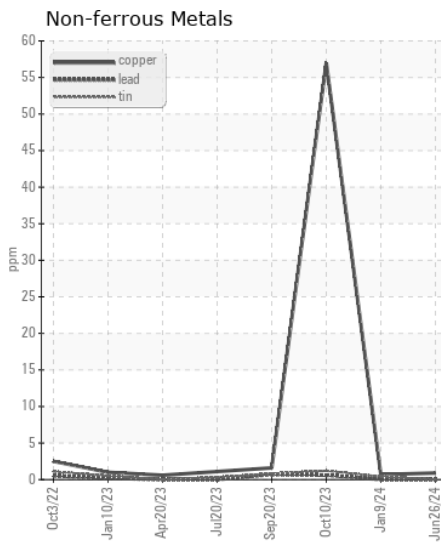
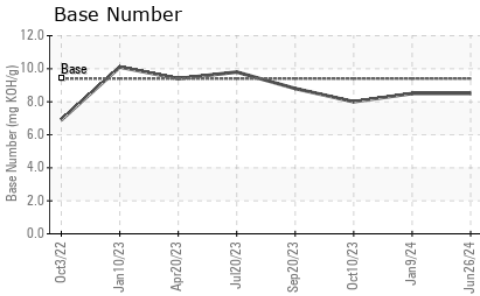
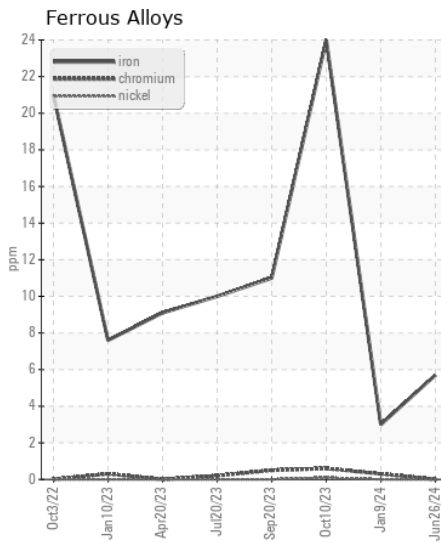
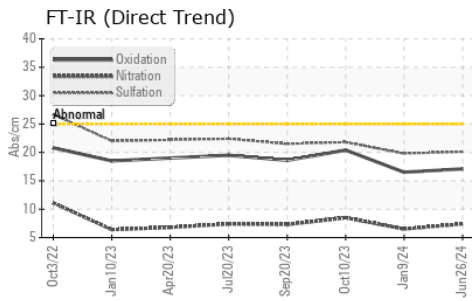
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	<b>7</b>	6	8
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	3	4
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>0.1</b>	0.1	0.4
Nitration	Abs/cm	*ASTM D7624	>20	<b>7.4</b>	6.5	8.5
Sulfation	Abs/.1mm	*ASTM D7415	>30	<b>20.1</b>	19.8	21.8
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>3</b>	0	<1
Boron	ppm	ASTM D5185m	0	<b>89</b>	92	35
Barium	ppm	ASTM D5185m	0	<b>0</b>	3	0
Molybdenum	ppm	ASTM D5185m	0	<b>80</b>	75	37
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	0	1
Magnesium	ppm	ASTM D5185m	0	<b>651</b>	585	453
Calcium	ppm	ASTM D5185m		<b>1563</b>	1359	1675
Phosphorus	ppm	ASTM D5185m		<b>806</b>	745	746
Zinc	ppm	ASTM D5185m		<b>920</b>	851	933
Sulfur	ppm	ASTM D5185m		<b>3264</b>	3122	2646
Oxidation	Abs/.1mm	*ASTM D7414	>25	<b>17.1</b>	16.5	20.4
Base Number (BN)	mg KOH/g	ASTM D2896	9.4	<b>8.5</b>	8.5	8.0
Visc @ 100°C	cSt	ASTM D445	14	<b>13.6</b>	13.4	12.9



Certificate L2367

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

**Sample No.** : RPL0021257

**Lab Number** : 06235619

**Unique Number** : 11124453

**Test Package** : FLEET

**Received** : 15 Jul 2024

**Tested** : 16 Jul 2024

**Diagnosed** : 16 Jul 2024 - Wes Davis

**RTL PACLEASE - 7051 -Las Vegas**

4150 Arctic Spring Ave

North Las Vegas, NV

US 89115

Contact: Rudy Trevizo

TrevizoR@RushEnterprises.Com

T: (702)208-7164

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)