



PacLease

# OIL ANALYSIS REPORT

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

Machine Id  
**PETERBILT 8464469**  
 Component  
**Diesel Engine**  
 Fluid  
**MOBIL DELVAC 1300 SUPER 15W40 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>RPL0017000</b>	RPL0013557	RPL0012333
Sample Date		Client Info		<b>24 Jun 2024</b>	07 Sep 2023	09 Jun 2023
Machine Age	mls	Client Info		<b>182680</b>	143106	143015
Oil Age	mls	Client Info		<b>0</b>	26618	26527
Filter Age	mls	Client Info		<b>0</b>	26618	26527
Oil Changed		Client Info		<b>N/A</b>	Changed	Not Changd
Filter Changed		Client Info		<b>N/A</b>	Changed	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>110	<b>40</b>	33	22
Chromium	ppm	ASTM D5185m	>4	<b>2</b>	2	2
Nickel	ppm	ASTM D5185m	>2	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m	>2	<b>&lt;1</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>11</b>	12	11
Lead	ppm	ASTM D5185m	>45	<b>7</b>	12	8
Copper	ppm	ASTM D5185m	>85	<b>2</b>	1	1
Tin	ppm	ASTM D5185m	>4	<b>0</b>	2	1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

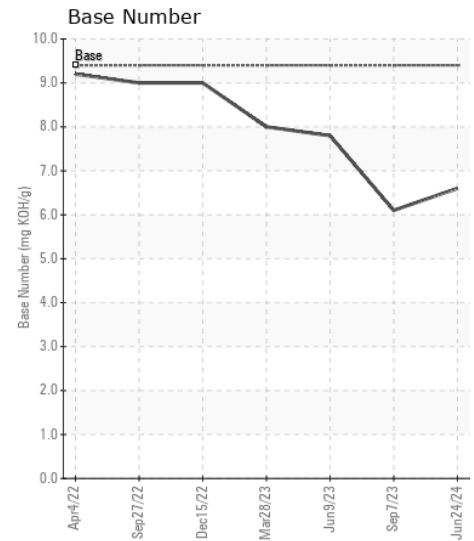
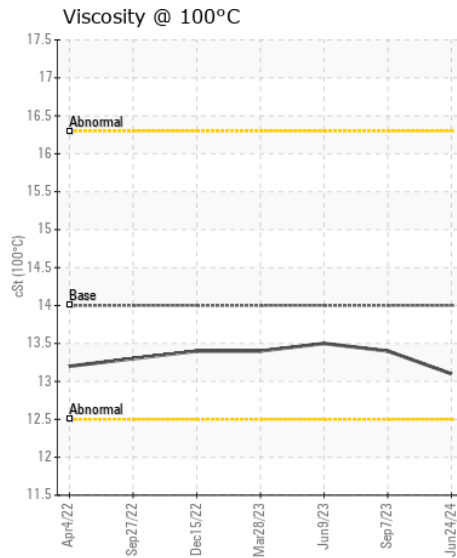
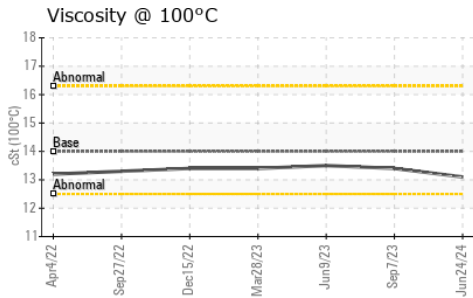
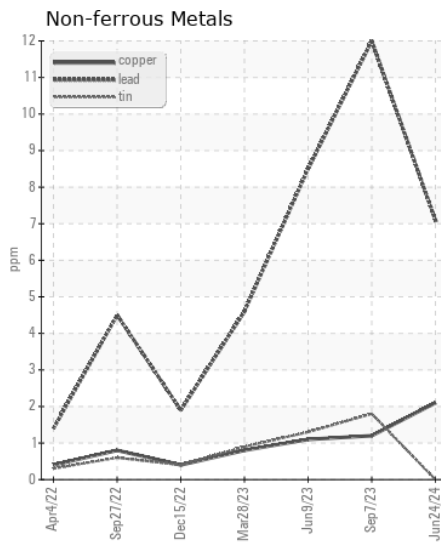
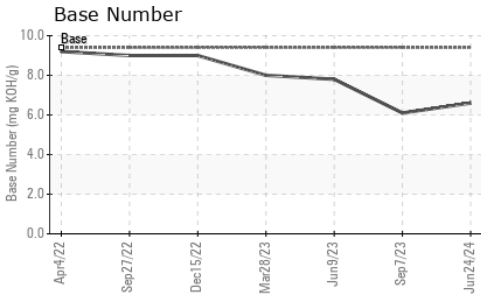
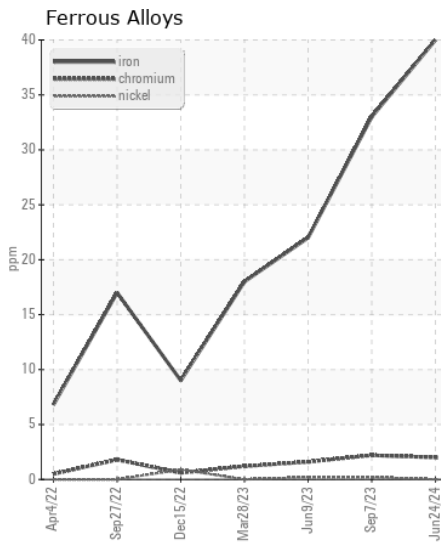
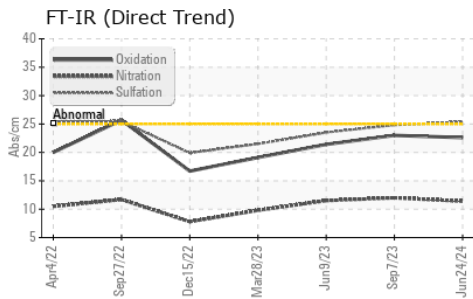
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>30	<b>6</b>	8	6
Potassium	ppm	ASTM D5185m	>20	<b>26</b>	33	26
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>1</b>	0.7	0.5
Nitration	Abs/cm	*ASTM D7624	>20	<b>11.4</b>	12.0	11.5
Sulfation	Abs/.1mm	*ASTM D7415	>30	<b>25.4</b>	24.8	23.5
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>5</b>	2	2
Boron	ppm	ASTM D5185m	0	<b>11</b>	8	9
Barium	ppm	ASTM D5185m	0	<b>0</b>	<1	0
Molybdenum	ppm	ASTM D5185m	0	<b>68</b>	53	52
Manganese	ppm	ASTM D5185m		<b>1</b>	<1	<1
Magnesium	ppm	ASTM D5185m	0	<b>935</b>	801	842
Calcium	ppm	ASTM D5185m		<b>1208</b>	1243	1331
Phosphorus	ppm	ASTM D5185m		<b>943</b>	906	920
Zinc	ppm	ASTM D5185m		<b>1132</b>	1145	1207
Sulfur	ppm	ASTM D5185m		<b>2955</b>	2581	3230
Oxidation	Abs/.1mm	*ASTM D7414	>25	<b>22.6</b>	23.0	21.4
Base Number (BN)	mg KOH/g	ASTM D2896	9.4	<b>6.6</b>	6.1	7.8
Visc @ 100°C	cSt	ASTM D445	14	<b>13.1</b>	13.4	13.5



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : RPL0017000  
**Lab Number** : 06228340  
**Unique Number** : 11111833  
**Test Package** : FLEET

**Received** : 05 Jul 2024  
**Tested** : 08 Jul 2024  
**Diagnosed** : 08 Jul 2024 - Wes Davis

**RTL PACLEASE - 7008 - Phoenix**  
 625 South 27th Ave  
 Phoenix, AZ  
 US 85009

Contact: Maurice Pilotte  
 PilotteM@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: