



PacLease

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
PACCAR 9571787
 Component
Diesel Engine
 Fluid
MOBIL DELVAC 1 5W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		RPL0021637	RPL0017917	RPL0015030
Sample Date		Client Info		06 Jul 2024	22 Feb 2024	09 Sep 2023
Machine Age	mls	Client Info		33522	18009	13080
Oil Age	mls	Client Info		0	796	13080
Filter Age	mls	Client Info		0	796	13080
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

Metal levels are typical for a new component breaking in.

Iron	ppm	ASTM D5185m	>100	58	17	92
Chromium	ppm	ASTM D5185m	>20	4	<1	2
Nickel	ppm	ASTM D5185m	>4	0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>20	14	6	17
Lead	ppm	ASTM D5185m	>40	0	0	<1
Copper	ppm	ASTM D5185m	>330	5	3	23
Tin	ppm	ASTM D5185m	>15	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

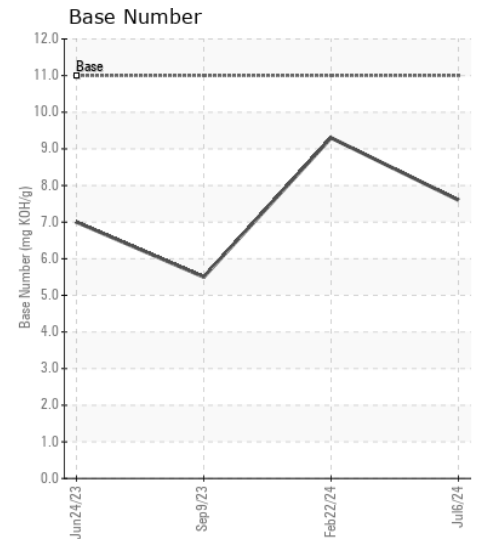
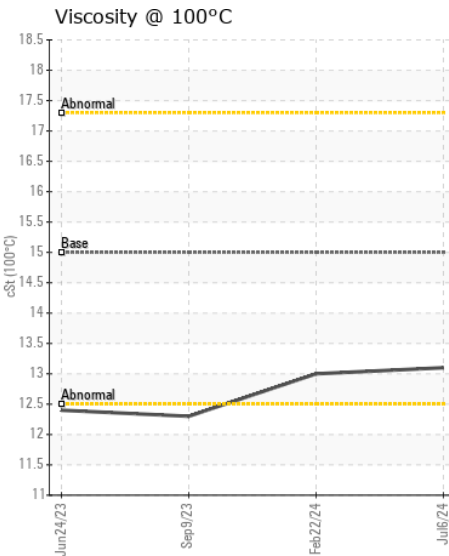
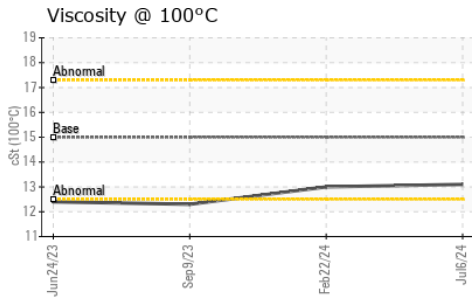
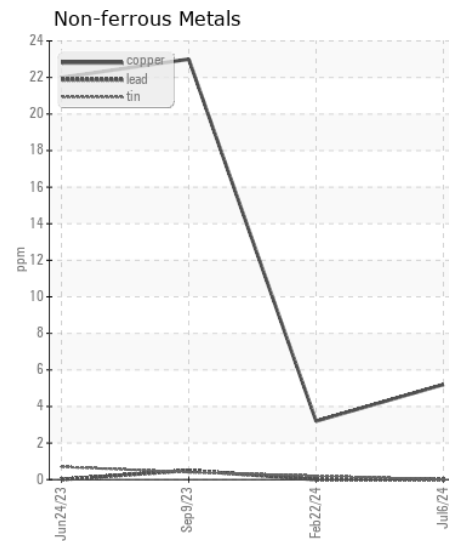
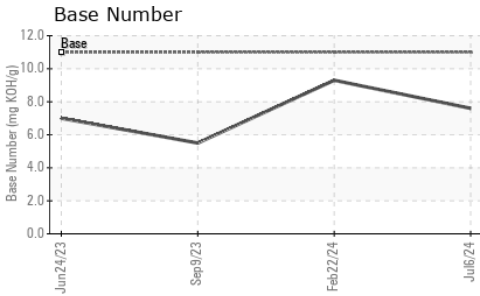
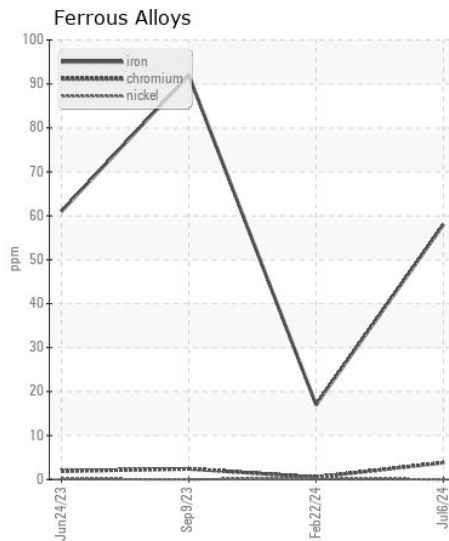
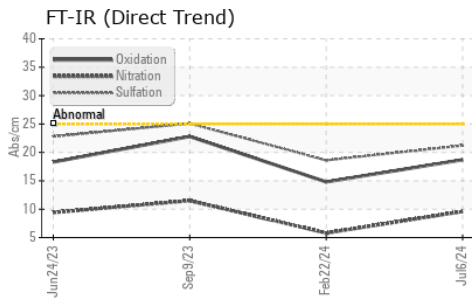
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	12	5	29
Potassium	ppm	ASTM D5185m	>20	8	3	25
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	*ASTM D7844	>3	0.5	0.2	0.7
Nitration	Abs/cm	*ASTM D7624	>20	9.6	5.8	11.5
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.2	18.6	25.1
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	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		2	<1	7
Boron	ppm	ASTM D5185m	291	10	11	94
Barium	ppm	ASTM D5185m	0.0	0	<1	0
Molybdenum	ppm	ASTM D5185m	8.0	67	61	105
Manganese	ppm	ASTM D5185m		1	2	8
Magnesium	ppm	ASTM D5185m	624	929	903	666
Calcium	ppm	ASTM D5185m	2158	1137	1025	1508
Phosphorus	ppm	ASTM D5185m	1132	956	1044	655
Zinc	ppm	ASTM D5185m	1300	1219	1238	847
Sulfur	ppm	ASTM D5185m	3616	2757	3283	2969
Oxidation	Abs/.1mm	*ASTM D7414	>25	18.7	14.8	22.8
Base Number (BN)	mg KOH/g	ASTM D2896	11.0	7.6	9.3	5.5
Visc @ 100°C	cSt	ASTM D445	15.0	13.1	13.0	12.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RPL0021637
Lab Number : 06241404
Unique Number : 11130238
Test Package : FLEET
Received : 19 Jul 2024
Tested : 20 Jul 2024
Diagnosed : 20 Jul 2024 - Wes Davis

RTL PACLEASE - 7006 - Pico Rivera
 7837 Telegraph Rd
 Pico Rivera, CA
 US 90660
 Contact: GERARDO CARROLA
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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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