



PacLease

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
846-5113
 Component
Diesel Engine
 Fluid
MOBIL DELVAC 1300 SUPER 15W40 (--- QTS)

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		RPL0022000	RPL0017522	RPL0016909
Sample Date		Client Info		01 Jul 2024	01 Apr 2024	03 Jan 2024
Machine Age	mls	Client Info		60703	46202	32487
Oil Age	mls	Client Info		60703	46202	32487
Filter Age	mls	Client Info		60703	46202	32487
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		Not Changd	Not Changd	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

Metal levels are typical for a new component breaking in.

Iron	ppm	ASTM D5185m	>100	29	18	60
Chromium	ppm	ASTM D5185m	>20	<1	<1	<1
Nickel	ppm	ASTM D5185m	>4	<1	<1	<1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m	>3	<1	0	<1
Aluminum	ppm	ASTM D5185m	>20	10	7	12
Lead	ppm	ASTM D5185m	>40	2	2	6
Copper	ppm	ASTM D5185m	>330	7	6	34
Tin	ppm	ASTM D5185m	>15	1	<1	4
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

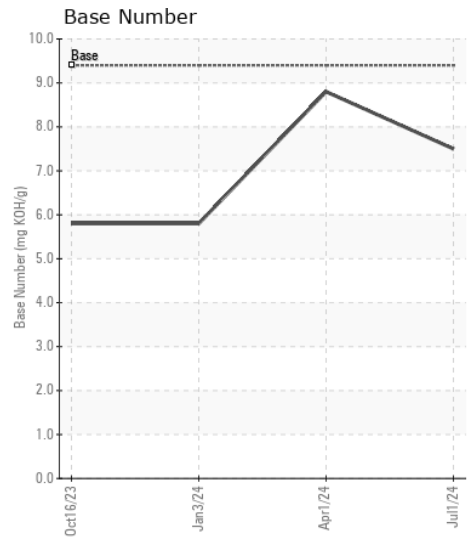
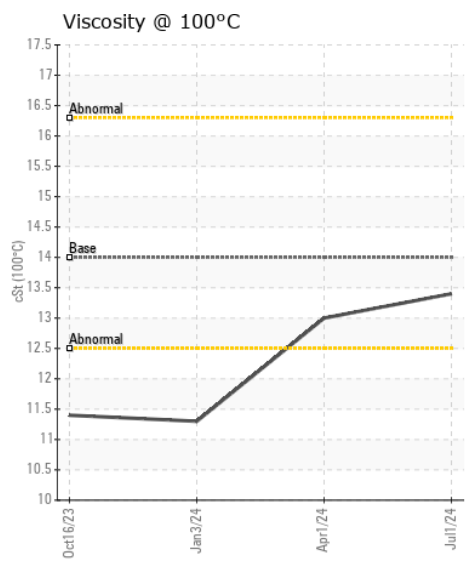
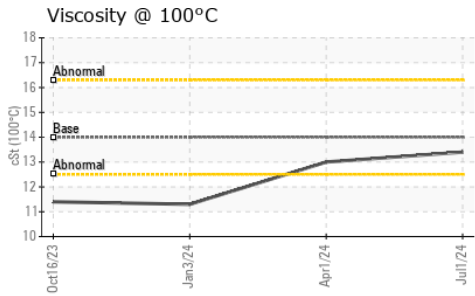
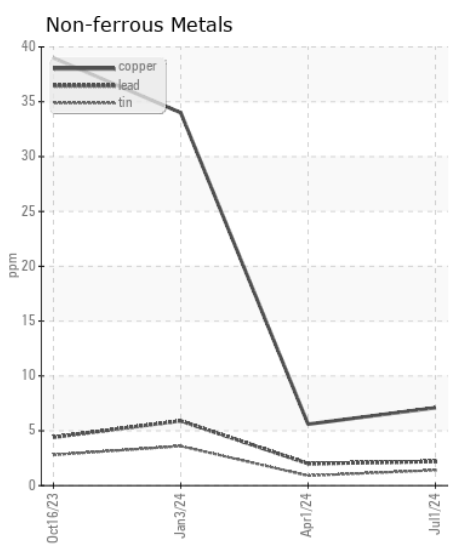
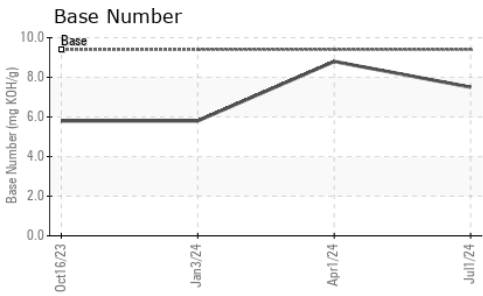
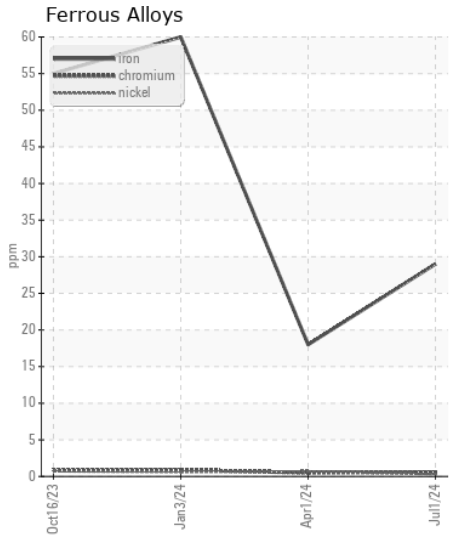
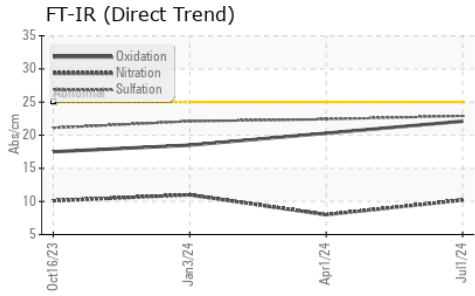
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	10	10	39
Potassium	ppm	ASTM D5185m	>20	37	26	▲ 55
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	0.6	0.3	0.6
Nitration	Abs/cm	*ASTM D7624	>20	10.2	8.0	11.0
Sulfation	Abs/.1mm	*ASTM D7415	>30	22.9	22.4	22.1
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	3	5
Boron	ppm	ASTM D5185m	0	32	54	25
Barium	ppm	ASTM D5185m	0	0	<1	3
Molybdenum	ppm	ASTM D5185m	0	48	49	12
Manganese	ppm	ASTM D5185m		<1	1	6
Magnesium	ppm	ASTM D5185m	0	568	558	747
Calcium	ppm	ASTM D5185m		1671	1699	1245
Phosphorus	ppm	ASTM D5185m		762	779	738
Zinc	ppm	ASTM D5185m		943	923	838
Sulfur	ppm	ASTM D5185m		2250	2963	2513
Oxidation	Abs/.1mm	*ASTM D7414	>25	22.1	20.3	18.5
Base Number (BN)	mg KOH/g	ASTM D2896	9.4	7.5	8.8	5.8
Visc @ 100°C	cSt	ASTM D445	14	13.4	13.0	● 11.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RPL0022000
Lab Number : 06234509
Unique Number : 11123343
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
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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)