



PacLease

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
846-4558
 Component
Diesel Engine
 Fluid
MOBIL DELVAC 1300 SUPER15W40 (--- 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		RPL0018078	RPL0016916	RPL0016083
Sample Date		Client Info		29 Mar 2024	27 Dec 2023	25 Oct 2023
Machine Age	mls	Client Info		0	106153	60000
Oil Age	mls	Client Info		12198	3533	60000
Filter Age	mls	Client Info		0	3533	60000
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		N/A	Not Changd	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>100	12	8	35
Chromium	ppm	ASTM D5185m	>20	0	0	<1
Nickel	ppm	ASTM D5185m	>4	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>20	5	3	10
Lead	ppm	ASTM D5185m	>40	<1	0	2
Copper	ppm	ASTM D5185m	>330	1	<1	3
Tin	ppm	ASTM D5185m	>15	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

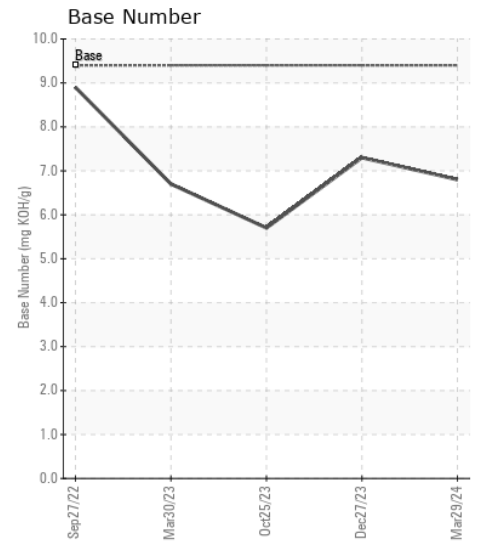
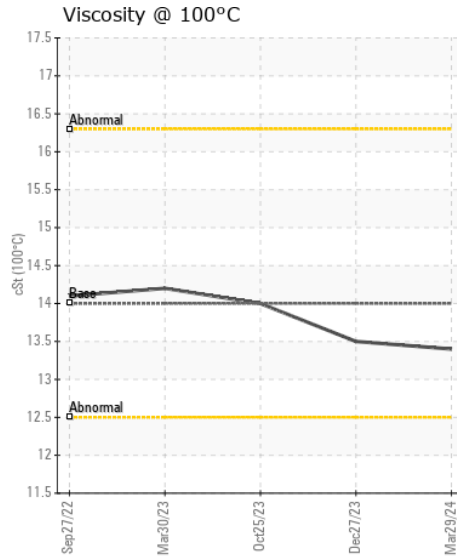
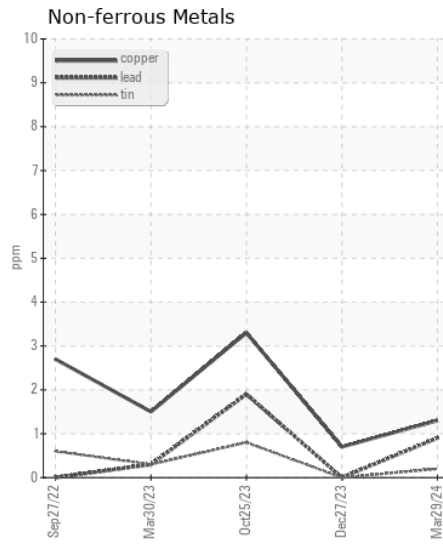
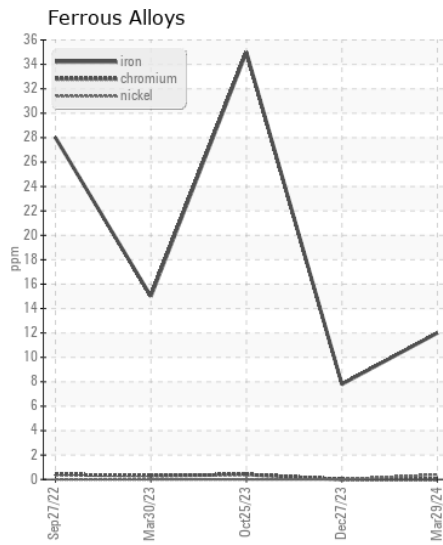
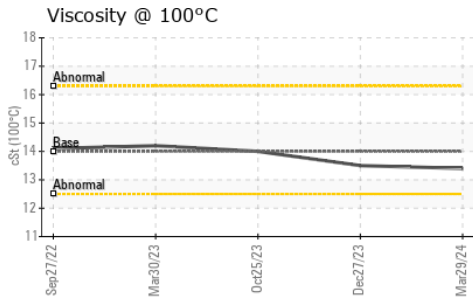
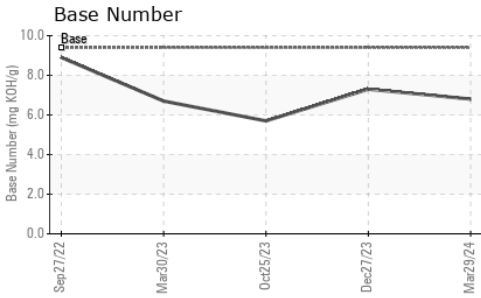
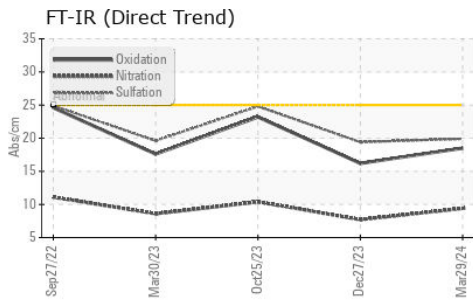
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	6	7	10
Potassium	ppm	ASTM D5185m	>20	8	6	22
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	0.2	0.1	0.5
Nitration	Abs/cm	*ASTM D7624	>20	9.4	7.7	10.4
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.9	19.4	24.8
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	2	4
Boron	ppm	ASTM D5185m	0	66	90	25
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	102	90	26
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m	0	672	625	610
Calcium	ppm	ASTM D5185m		1466	1300	1586
Phosphorus	ppm	ASTM D5185m		797	671	766
Zinc	ppm	ASTM D5185m		920	876	963
Sulfur	ppm	ASTM D5185m		3568	2867	2599
Oxidation	Abs/.1mm	*ASTM D7414	>25	18.5	16.2	23.2
Base Number (BN)	mg KOH/g	ASTM D2896	9.4	6.8	7.3	5.7
Visc @ 100°C	cSt	ASTM D445	14	13.4	13.5	14.0



Certificate L2367

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

Sample No. : RPL0018078

Lab Number : 06145641

Unique Number : 10970449

Test Package : FLEET

Received : 11 Apr 2024

Tested : 12 Apr 2024

Diagnosed : 12 Apr 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)