



PacLease

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
846-4937

Component
Diesel Engine

Fluid
MOBIL DELVAC 1300 SUPER15W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		RPL0017460	RPL0016168	RPL0011250
Sample Date		Client Info		24 Jan 2024	21 Oct 2023	02 Jun 2023
Machine Age	mls	Client Info		55269	46825	33362
Oil Age	mls	Client Info		17660	9162	33362
Filter Age	mls	Client Info		17660	9162	33362
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>100	22	19	62
Chromium	ppm	ASTM D5185m	>20	2	<1	2
Nickel	ppm	ASTM D5185m	>4	<1	<1	2
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m	>3	<1	<1	<1
Aluminum	ppm	ASTM D5185m	>20	17	14	23
Lead	ppm	ASTM D5185m	>40	3	0	5
Copper	ppm	ASTM D5185m	>330	6	6	20
Tin	ppm	ASTM D5185m	>15	2	2	4
Vanadium	ppm	ASTM D5185m		<1	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

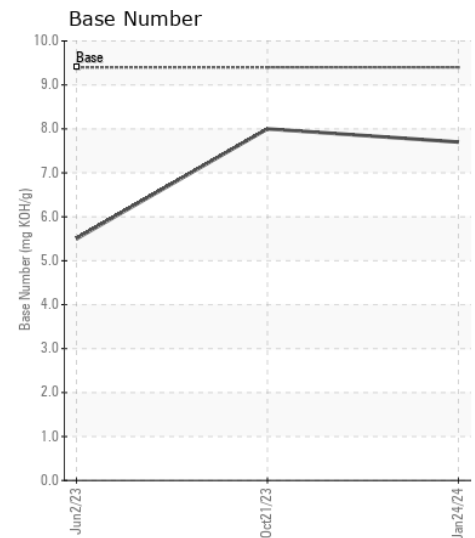
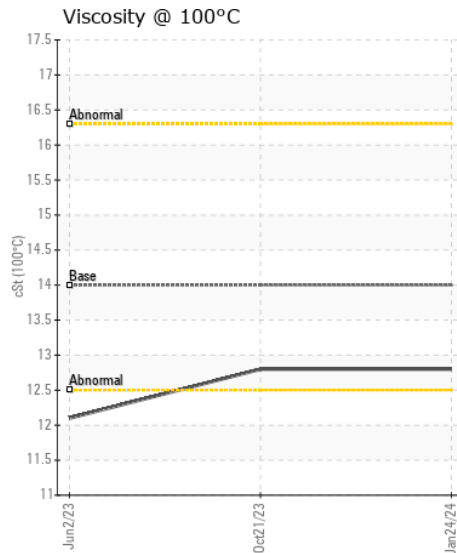
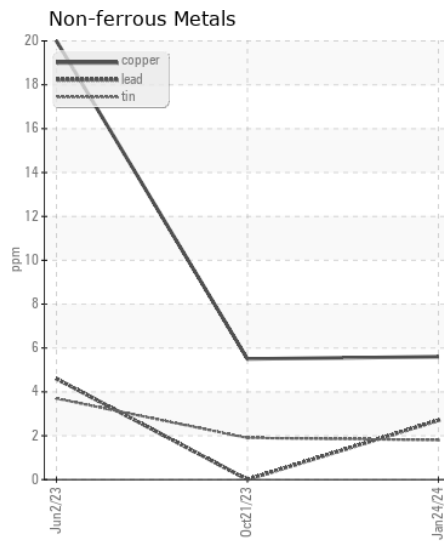
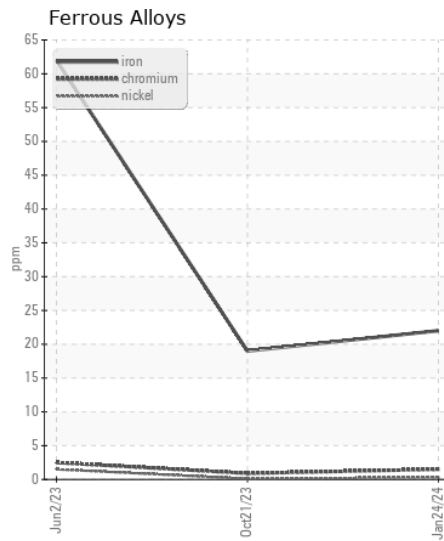
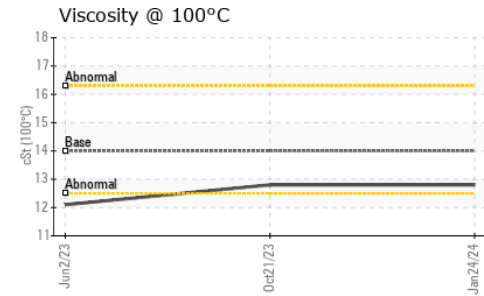
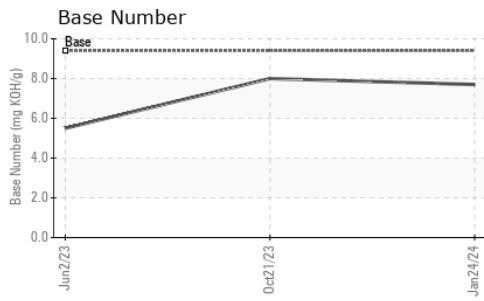
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	9	9	34
Potassium	ppm	ASTM D5185m	>20	42	32	66
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	0.3	0.2	0.3
Nitration	Abs/cm	*ASTM D7624	>20	8.4	7.1	10.7
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.9	19.6	23.9
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	2	4	28
Barium	ppm	ASTM D5185m	0	<1	20	2
Molybdenum	ppm	ASTM D5185m	0	48	54	18
Manganese	ppm	ASTM D5185m		1	1	5
Magnesium	ppm	ASTM D5185m	0	840	837	744
Calcium	ppm	ASTM D5185m		977	967	1481
Phosphorus	ppm	ASTM D5185m		922	899	805
Zinc	ppm	ASTM D5185m		1110	1082	985
Sulfur	ppm	ASTM D5185m		2606	3952	3449
Oxidation	Abs/.1mm	*ASTM D7414	>25	16.9	15.7	20.2
Base Number (BN)	mg KOH/g	ASTM D2896	9.4	7.7	8.0	5.5
Visc @ 100°C	cSt	ASTM D445	14	12.8	12.8	12.1



Certificate L2367

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

Sample No. : RPL0017460

Lab Number : 06076563

Unique Number : 10858654

Test Package : FLEET

Received : 01 Feb 2024

Tested : 07 Feb 2024

Diagnosed : 07 Feb 2024 - Jonathan Hester

RTL PACLEASE - 7007 - Fontana

3121 South Riverside

Bloomington, CA

US 92316

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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)