



PacLease

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	ABNORMAL

Machine Id
8464373
 Component
Diesel Engine
 Fluid
MOBIL DELVAC 1300 SUPER 15W40 (--- QTS)

RECOMMENDATION

We advise that you check the fuel injection system. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

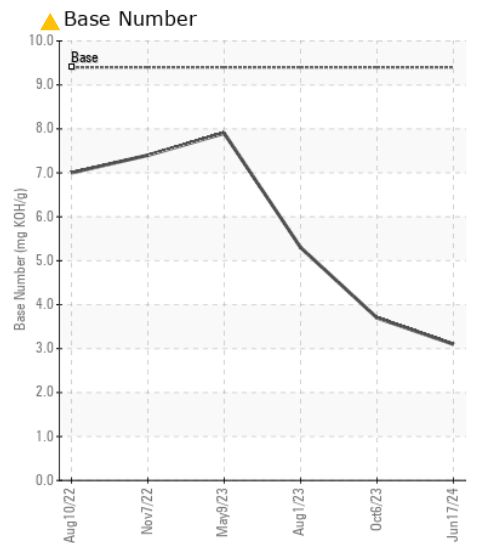
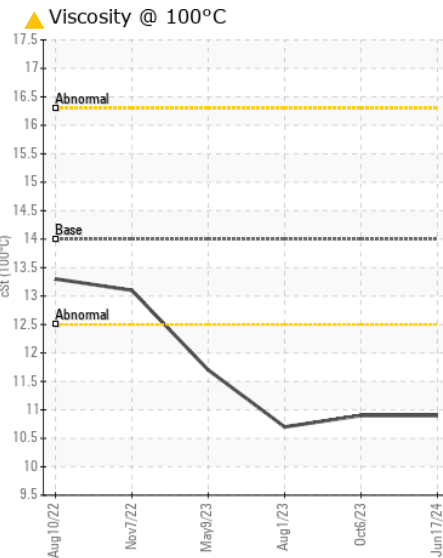
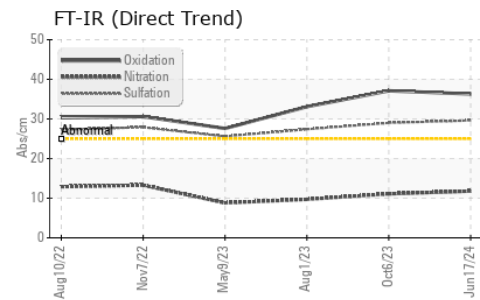
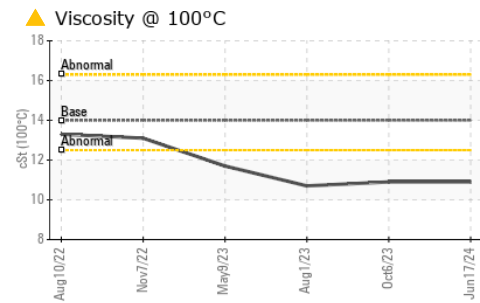
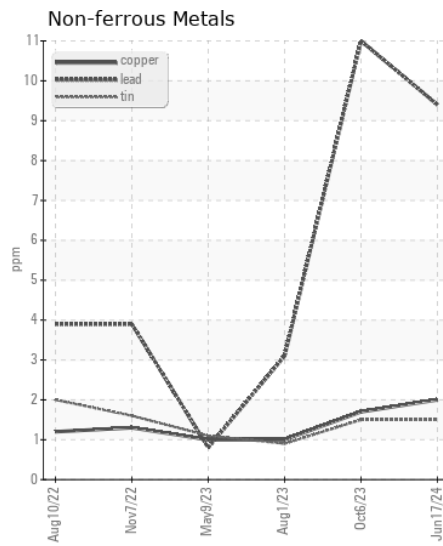
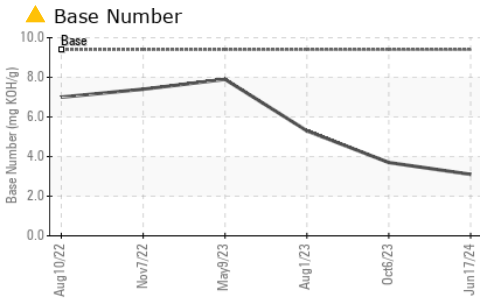
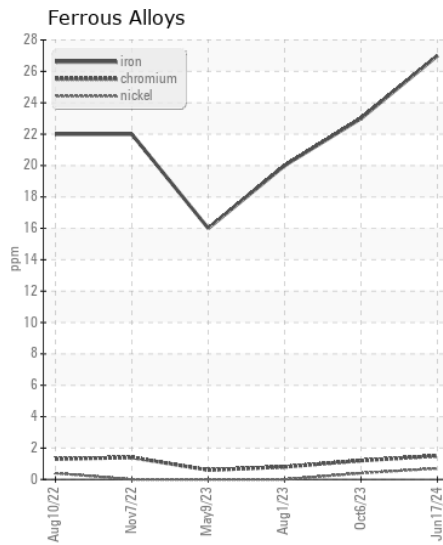
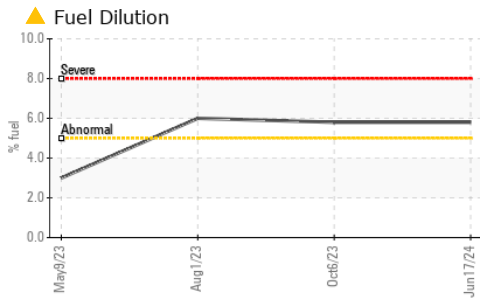
CONTAMINATION

There is a moderate amount of fuel present in the oil.

FLUID CONDITION

Fuel is present in the oil and is lowering the viscosity. The BN level is low.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		RPL0020501	RPL0015129	RPL0011401
Sample Date		Client Info		17 Jun 2024	06 Oct 2023	01 Aug 2023
Machine Age	mls	Client Info		147725	122858	116346
Oil Age	mls	Client Info		22168	30090	23578
Filter Age	mls	Client Info		22168	30090	23578
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>100	27	23	20
Chromium	ppm	ASTM D5185m	>20	2	1	<1
Nickel	ppm	ASTM D5185m	>4	<1	<1	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>3	<1	<1	0
Aluminum	ppm	ASTM D5185m	>20	9	5	5
Lead	ppm	ASTM D5185m	>40	9	11	3
Copper	ppm	ASTM D5185m	>330	2	2	1
Tin	ppm	ASTM D5185m	>15	2	2	<1
Vanadium	ppm	ASTM D5185m		<1	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	10	7	6
Potassium	ppm	ASTM D5185m	>20	23	13	12
Fuel	%	ASTM D3524	>5	▲ 5.8	▲ 5.8	▲ 6.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	*ASTM D7844	>3	0.4	0.3	0.3
Nitration	Abs/cm	*ASTM D7624	>20	11.8	11.1	9.7
Sulfation	Abs/.1mm	*ASTM D7415	>30	29.6	29.0	27.4
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
Sodium	ppm	ASTM D5185m		<1	4	4
Boron	ppm	ASTM D5185m	0	33	24	32
Barium	ppm	ASTM D5185m	0	1	0	0
Molybdenum	ppm	ASTM D5185m	0	97	42	43
Manganese	ppm	ASTM D5185m		1	1	<1
Magnesium	ppm	ASTM D5185m	0	546	478	491
Calcium	ppm	ASTM D5185m		1306	1604	1686
Phosphorus	ppm	ASTM D5185m		669	678	694
Zinc	ppm	ASTM D5185m		809	900	896
Sulfur	ppm	ASTM D5185m		2492	2240	2684
Oxidation	Abs/.1mm	*ASTM D7414	>25	36.3	37.1	33.1
Base Number (BN)	mg KOH/g	ASTM D2896	9.4	▲ 3.1	▲ 3.7	5.3
Visc @ 100°C	cSt	ASTM D445	14	▲ 10.9	▲ 10.9	▲ 10.7



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RPL0020501 **Received** : 25 Jun 2024
Lab Number : 06219326 **Tested** : 27 Jun 2024
Unique Number : 11097523 **Diagnosed** : 27 Jun 2024 - Don Baldrige
Test Package : FLEET (Additional Tests: PercentFuel)

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)