



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
INTERNATIONAL 441294
 Component
Diesel Engine
 Fluid
MOBIL DELVAC 1300 SUPER15W40 (20 QTS)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: Hours=10721)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		IL0033809	IL0030611	IL0030531
Sample Date		Client Info		04 Jun 2024	19 Feb 2024	20 Dec 2023
Machine Age	hrs	Client Info		10721	10250	353914
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	N/A
Filter Changed		Client Info		Changed	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>90	23	13	21
Chromium	ppm	ASTM D5185m	>20	<1	<1	<1
Nickel	ppm	ASTM D5185m	>2	<1	0	<1
Titanium	ppm	ASTM D5185m	>2	0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>20	5	4	5
Lead	ppm	ASTM D5185m	>40	0	0	0
Copper	ppm	ASTM D5185m	>330	1	<1	<1
Tin	ppm	ASTM D5185m	>15	<1	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

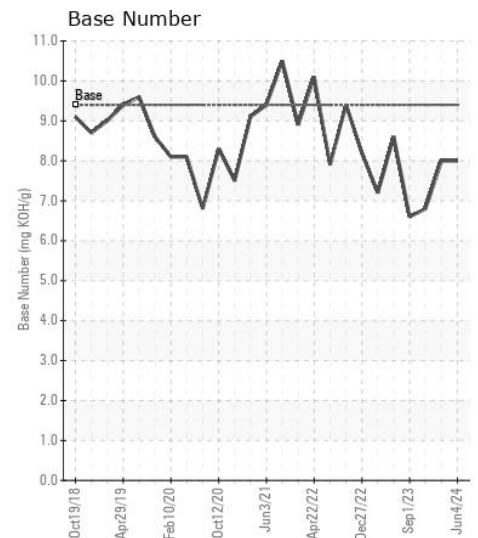
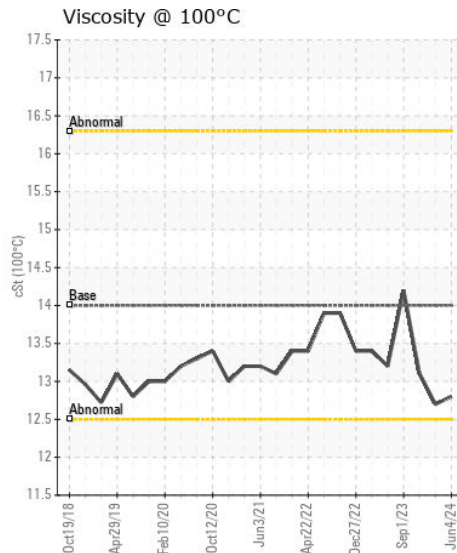
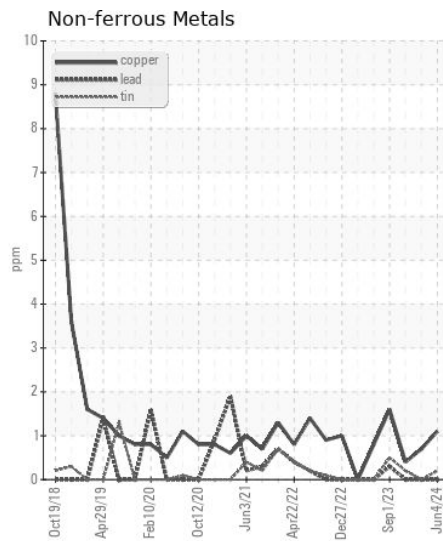
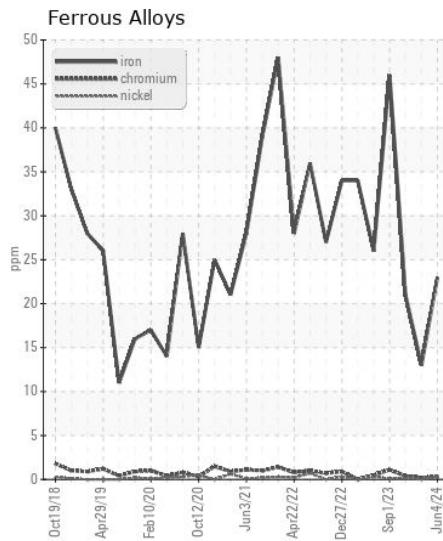
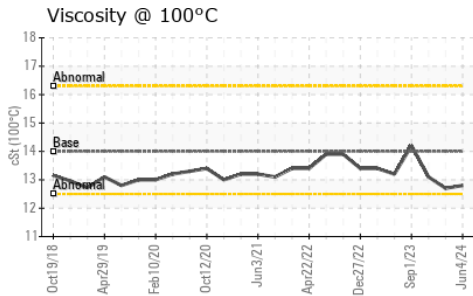
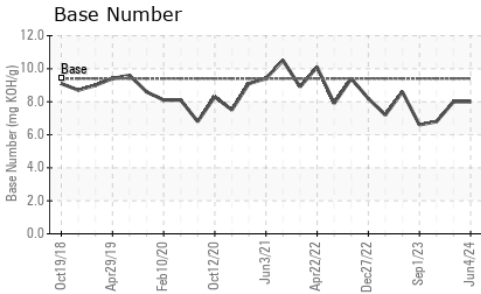
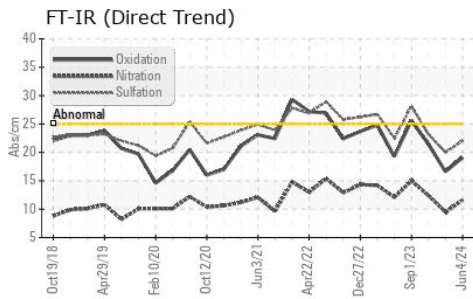
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	5	3	4
Potassium	ppm	ASTM D5185m	>20	4	4	0
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
Soot %	%	*ASTM D7844	>6	0.7	0.4	0.8
Nitration	Abs/cm	*ASTM D7624	>20	11.6	9.5	12.4
Sulfation	Abs/.1mm	*ASTM D7415	>30	22.0	20.0	23.2
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		3	0	0
Boron	ppm	ASTM D5185m	0	4	2	2
Barium	ppm	ASTM D5185m	0	0	3	0
Molybdenum	ppm	ASTM D5185m	0	65	64	68
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m	0	1005	912	1022
Calcium	ppm	ASTM D5185m		1160	1068	1129
Phosphorus	ppm	ASTM D5185m		1155	1052	1125
Zinc	ppm	ASTM D5185m		1350	1182	1371
Sulfur	ppm	ASTM D5185m		3790	3442	3189
Oxidation	Abs/.1mm	*ASTM D7414	>25	19.1	16.6	21.4
Base Number (BN)	mg KOH/g	ASTM D2896	9.4	8.0	8.0	6.8
Visc @ 100°C	cSt	ASTM D445	14	12.8	12.7	13.1



Certificate L2367

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

Sample No. : IL0033809

Lab Number : 06212835

Unique Number : 11085699

Test Package : FLEET

Received : 17 Jun 2024

Tested : 19 Jun 2024

Diagnosed : 19 Jun 2024 - Angela Borella

RUSH TRUCK LEASING - CHARLOTTE IDEALEASE

1333 AMERON DR

CHARLOTTE, NC

US 28206

Contact: JERRY DIXON

dixonj@rushenterprises.com

T: (704)333-4507

F: (704)333-4508

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)