



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
INTERNATIONAL 441202
Component
Right Diesel Engine
Fluid
MOBIL DELVAC 1300 SUPER15W40 (21 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		IL0030567	IL0030501	IL0026682
Sample Date		Client Info		27 Dec 2023	30 Oct 2023	23 Jan 2023
Machine Age	mls	Client Info		112335	110471	104731
Oil Age	mls	Client Info		106595	5740	0
Filter Age	mls	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Changed
Filter Changed		Client Info		N/A	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>100	22	38	23
Chromium	ppm	ASTM D5185m	>20	1	4	1
Nickel	ppm	ASTM D5185m	>4	0	<1	<1
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>20	6	13	9
Lead	ppm	ASTM D5185m	>40	0	0	<1
Copper	ppm	ASTM D5185m	>330	2	6	<1
Tin	ppm	ASTM D5185m	>15	<1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

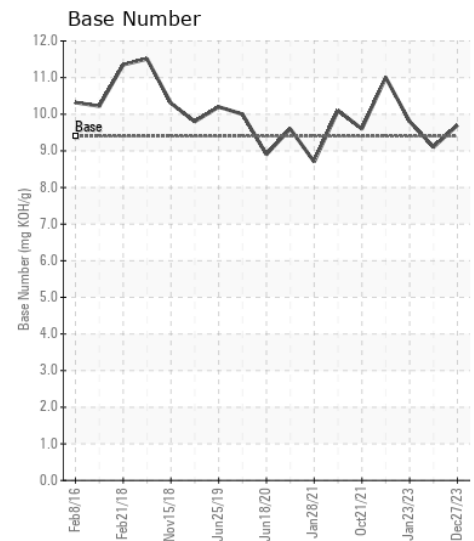
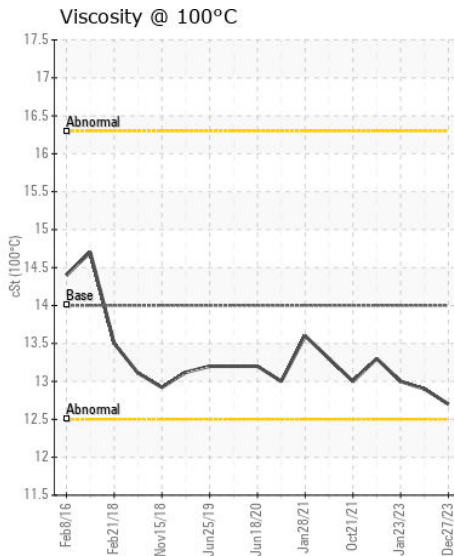
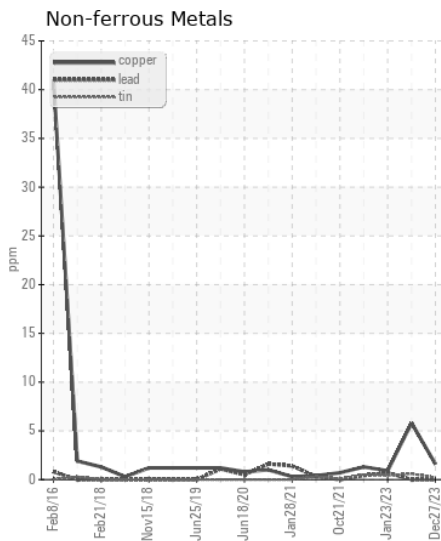
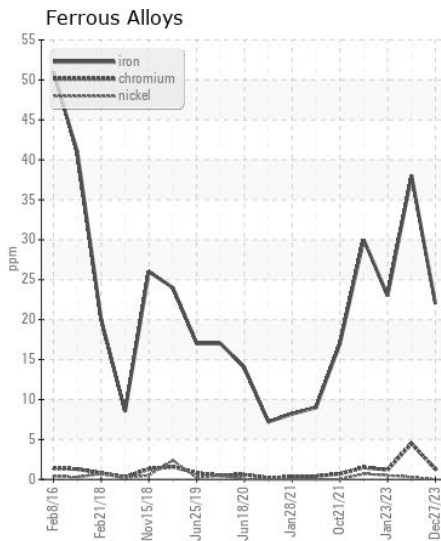
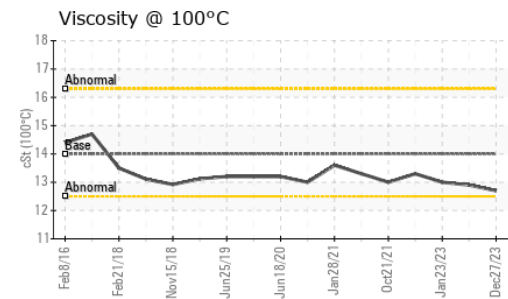
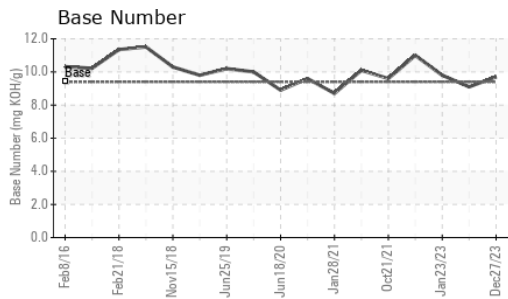
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	7	9	8
Potassium	ppm	ASTM D5185m	>20	5	9	5
Fuel		WC Method	>2.0	<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	0.6	0.6
Nitration	Abs/cm	*ASTM D7624	>20	6.3	9.0	8.6
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.5	19.9	21.2
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		2	2	2
Boron	ppm	ASTM D5185m	0	7	6	19
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	64	60	52
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	0	978	935	787
Calcium	ppm	ASTM D5185m		1066	1168	1504
Phosphorus	ppm	ASTM D5185m		1072	1047	900
Zinc	ppm	ASTM D5185m		1272	1244	1180
Sulfur	ppm	ASTM D5185m		3333	3333	3500
Oxidation	Abs/.1mm	*ASTM D7414	>25	14.2	16.5	18.1
Base Number (BN)	mg KOH/g	ASTM D2896	9.4	9.7	9.1	9.8
Visc @ 100°C	cSt	ASTM D445	14	12.7	12.9	13.0



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : IL0030567 **Received** : 18 Jan 2024
Lab Number : 06064848 **Diagnosed** : 21 Jan 2024
Unique Number : 10836230 **Diagnostician** : Don Baldrige
Test Package : FLEET

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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)