



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[86159]
 Machine Id
141 ADELAIDE ST. W. PENTHOUSE EPIC REALTY 66D5854
 Component
Left Diesel Engine
 Fluid
ESSO XD-3 EXTRA 15W40 (30 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PN0006174	PN0004726	PN0003544
Sample Date		Client Info		06 May 2024	25 Apr 2023	11 May 2022
Machine Age	hrs	Client Info		608	602	570
Oil Age	hrs	Client Info		6	0	0
Filter Age	hrs	Client Info		6	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

Metal levels are typical for a new component breaking in.

Iron	ppm	ASTM D5185(m)	>100	1	2	2
Chromium	ppm	ASTM D5185(m)	>20	0	0	0
Nickel	ppm	ASTM D5185(m)	>2	0	0	<1
Titanium	ppm	ASTM D5185(m)	>2	0	<1	0
Silver	ppm	ASTM D5185(m)	>2	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>25	<1	2	3
Lead	ppm	ASTM D5185(m)	>40	0	<1	<1
Copper	ppm	ASTM D5185(m)	>330	<1	<1	<1
Tin	ppm	ASTM D5185(m)	>15	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

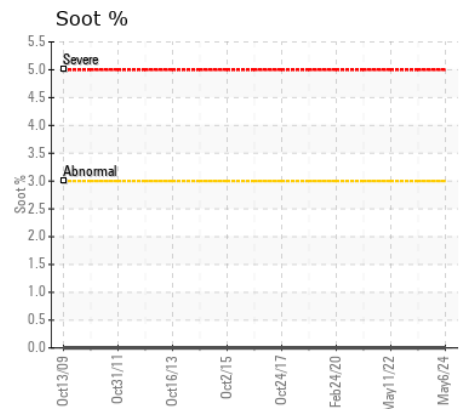
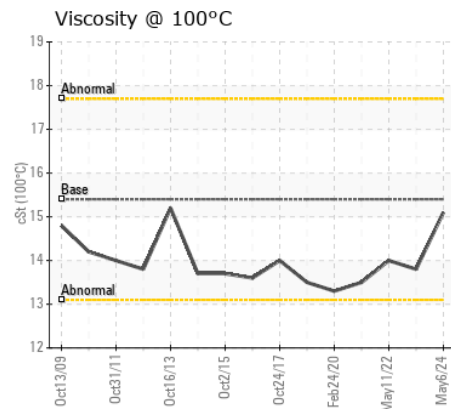
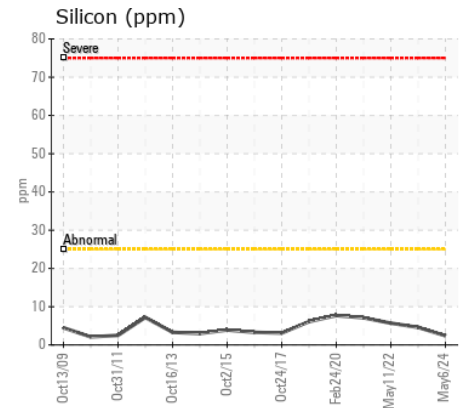
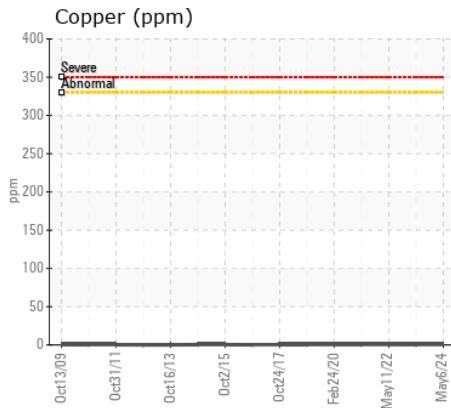
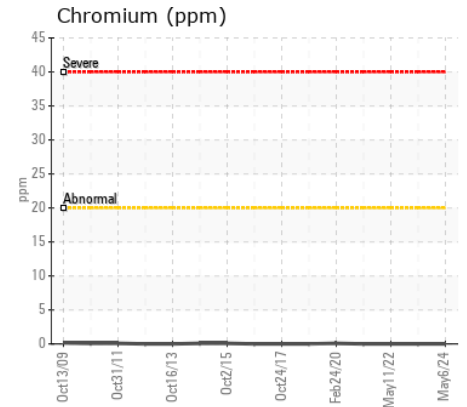
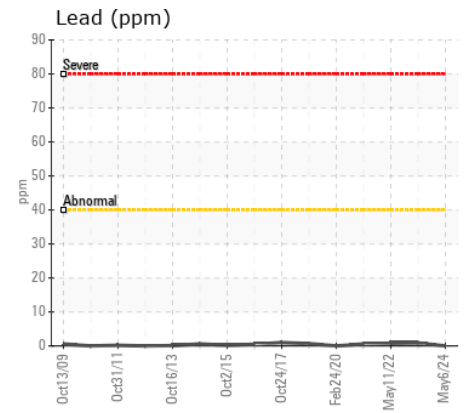
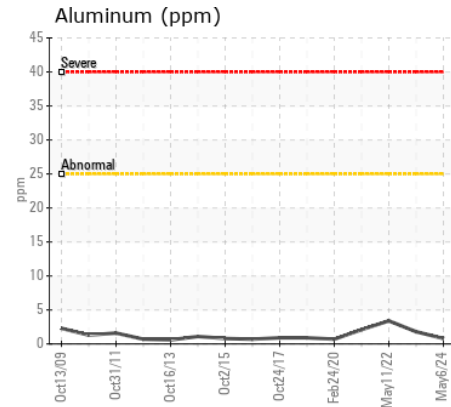
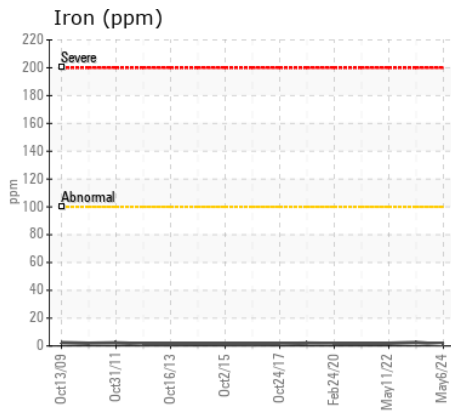
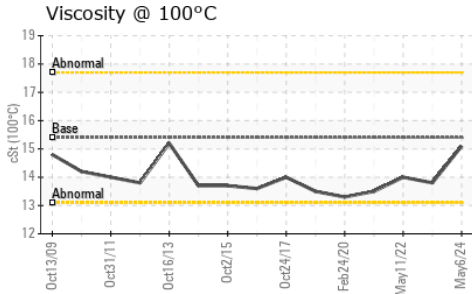
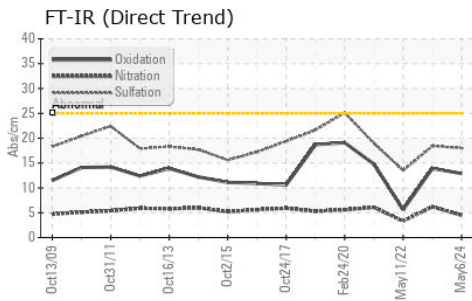
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>25	2	5	6
Potassium	ppm	ASTM D5185(m)	>20	0	0	1
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	0	0
Nitration	Abs/cm	ASTM D7624*	>20	4.5	6.2	3.3
Sulfation	Abs/.1mm	ASTM D7415*	>30	18.0	18.4	13.5
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)	>192	1	2	3
Boron	ppm	ASTM D5185(m)		6	43	74
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		61	71	75
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)		935	475	158
Calcium	ppm	ASTM D5185(m)	3780	1104	1806	2043
Phosphorus	ppm	ASTM D5185(m)	1370	1036	1108	1010
Zinc	ppm	ASTM D5185(m)	1500	1186	1172	1093
Sulfur	ppm	ASTM D5185(m)	3800	2677	3014	3032
Oxidation	Abs/.1mm	ASTM D7414*	>25	12.9	13.9	5.6
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	15.1	13.8	14.0



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PN0006174
Lab Number : 02634894
Unique Number : 5776047
Test Package : MOB 1
Received : 13 May 2024
Tested : 13 May 2024
Diagnosed : 13 May 2024 - Wes Davis

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To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.