



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[86126]
Machine Id
6200 STEELES AVE WOODBRIDGE 407 ETR 3001958405

Component
Right Natural Gas Engine
Fluid
ESSO XD-3 EXTRA 15W40 (90 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 3 test kits, this testkit includes Analytical Ferrography which provides a detailed morphological analysis of wear particles present in the fluid. this testkit includes BN to determine the suitability of the oil for continued use.

WEAR

Metal levels are typical for a new component breaking in. Component wear rates appear to be normal (unconfirmed).

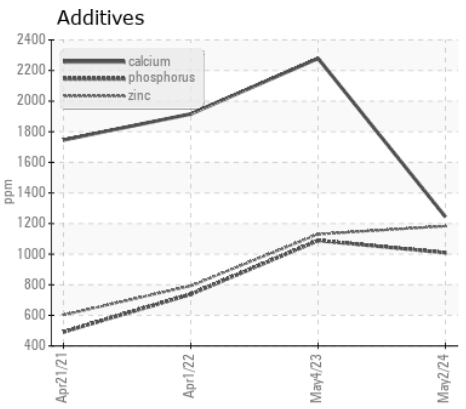
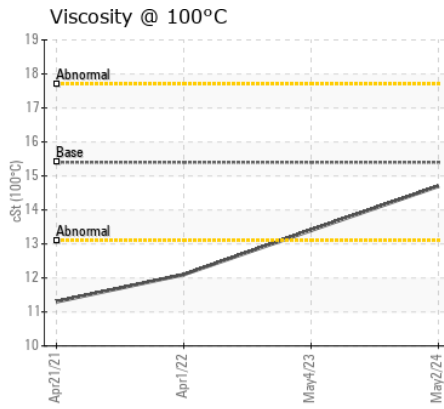
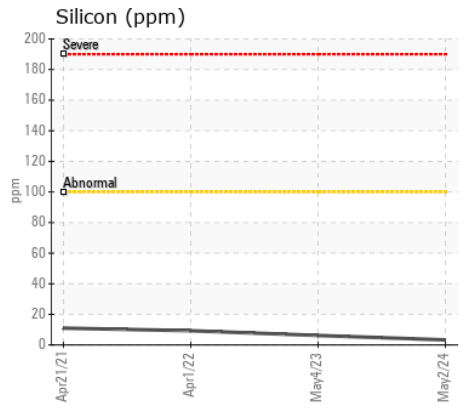
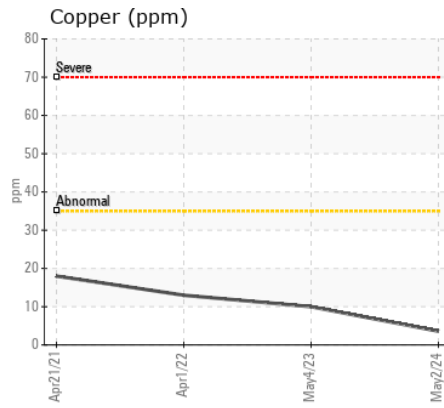
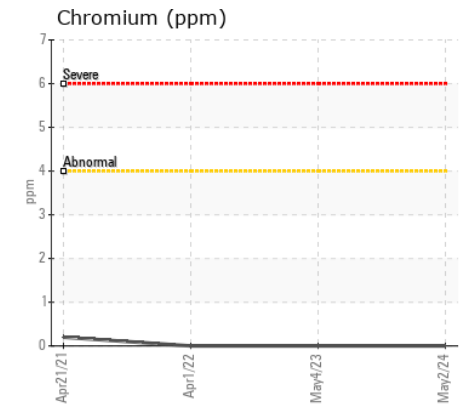
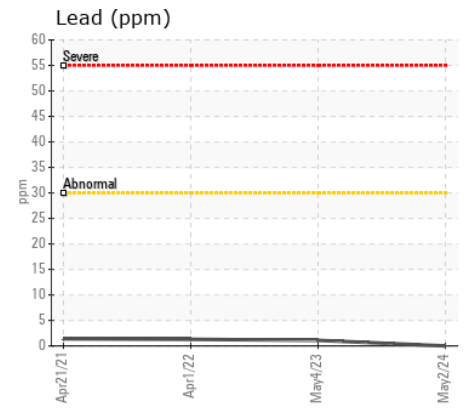
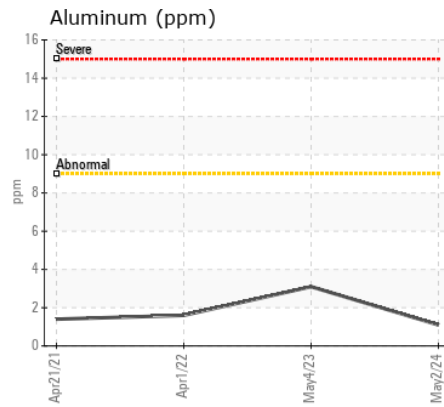
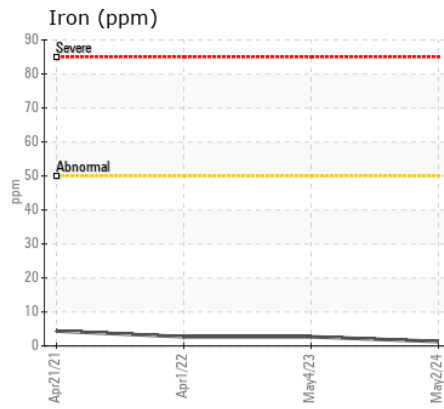
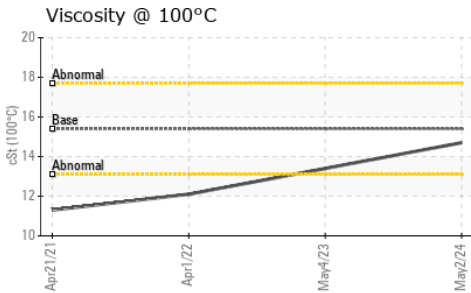
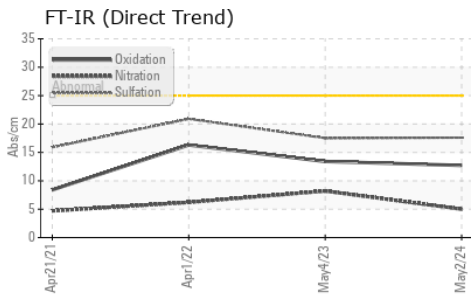
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PN0006059	PN0004828	PN0003441
Sample Date		Client Info		02 May 2024	04 May 2023	01 Apr 2022
Machine Age	hrs	Client Info		151	144	43
Oil Age	hrs	Client Info		8	101	9
Filter Age	hrs	Client Info		8	101	9
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Not Changd	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL
Iron	ppm	ASTM D5185(m)	>50	1	3	3
Chromium	ppm	ASTM D5185(m)	>4	0	0	0
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	<1	<1
Silver	ppm	ASTM D5185(m)	>3	0	0	▲ 7
Aluminum	ppm	ASTM D5185(m)	>9	1	3	2
Lead	ppm	ASTM D5185(m)	>30	0	1	1
Copper	ppm	ASTM D5185(m)	>35	4	10	13
Tin	ppm	ASTM D5185(m)	>4	0	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Silicon	ppm	ASTM D5185(m)	>+100	3	6	9
Potassium	ppm	ASTM D5185(m)	>20	<1	0	1
Water		WC Method	>0.1	NEG	NEG	NEG
Glycol		WC Method		---	---	0.0
Soot %	%	ASTM D7844*		0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	5.0	8.2	6.2
Sulfation	Abs/.1mm	ASTM D7415*	>30	17.6	17.5	20.9
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)	>192	2	9	37
Boron	ppm	ASTM D5185(m)		13	59	39
Barium	ppm	ASTM D5185(m)		0	<1	2
Molybdenum	ppm	ASTM D5185(m)		63	84	52
Manganese	ppm	ASTM D5185(m)		0	<1	<1
Magnesium	ppm	ASTM D5185(m)		841	63	27
Calcium	ppm	ASTM D5185(m)	3780	1244	2279	1916
Phosphorus	ppm	ASTM D5185(m)	1370	1009	1089	738
Zinc	ppm	ASTM D5185(m)	1500	1183	1130	792
Sulfur	ppm	ASTM D5185(m)	3800	2675	3211	2575
Oxidation	Abs/.1mm	ASTM D7414*	>25	12.7	13.4	16.3
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	14.7	13.4	▲ 12.1



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PN0006059
Lab Number : 02633804
Unique Number : 5774957
Test Package : MOB 1
Received : 07 May 2024
Tested : 07 May 2024
Diagnosed : 07 May 2024 - Kevin Marson

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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.