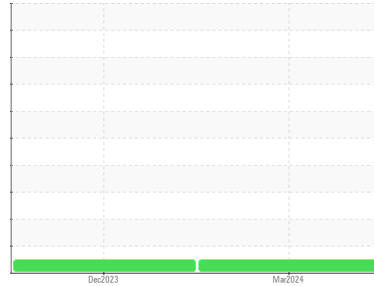




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
SPARTO X LIFT SL15

Component
Diesel Engine

Fluid
MOBIL 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

Metal levels are typical for a new component breaking in.

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.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0910872	WC0861445	---
Sample Date	Client Info		17 Mar 2024	10 Dec 2023	---
Machine Age	hrs	Client Info	493	0	---
Oil Age	hrs	Client Info	250	0	---
Oil Changed	Client Info		Changed	Changed	---
Sample Status			NORMAL	NORMAL	---

CONTAMINATION

	method	limit/base	current	history1	history2
Fuel	WC Method	>5	<1.0	<1.0	---
Water	WC Method	>0.2	NEG	NEG	---
Glycol	WC Method		NEG	NEG	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >100	19	4	---
Chromium	ppm	ASTM D5185(m) >20	2	0	---
Nickel	ppm	ASTM D5185(m) >4	0	<1	---
Titanium	ppm	ASTM D5185(m)	0	0	---
Silver	ppm	ASTM D5185(m) >3	0	0	---
Aluminum	ppm	ASTM D5185(m) >20	7	1	---
Lead	ppm	ASTM D5185(m) >40	0	3	---
Copper	ppm	ASTM D5185(m) >330	7	16	---
Tin	ppm	ASTM D5185(m) >15	0	<1	---
Antimony	ppm	ASTM D5185(m)	0	0	---
Vanadium	ppm	ASTM D5185(m)	0	0	---
Beryllium	ppm	ASTM D5185(m)	0	0	---
Cadmium	ppm	ASTM D5185(m)	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	49	55	---
Barium	ppm	ASTM D5185(m)	<1	<1	---
Molybdenum	ppm	ASTM D5185(m)	41	40	---
Manganese	ppm	ASTM D5185(m)	0	0	---
Magnesium	ppm	ASTM D5185(m)	533	512	---
Calcium	ppm	ASTM D5185(m)	1665	1620	---
Phosphorus	ppm	ASTM D5185(m)	760	775	---
Zinc	ppm	ASTM D5185(m)	873	898	---
Sulfur	ppm	ASTM D5185(m)	2098	2149	---
Lithium	ppm	ASTM D5185(m)	<1	<1	---

CONTAMINANTS

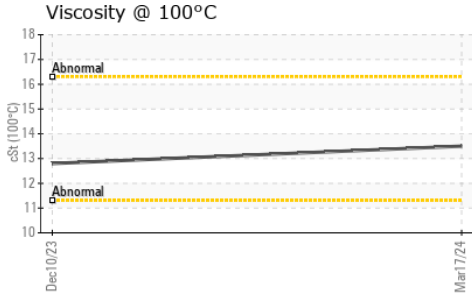
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >25	7	6	---
Sodium	ppm	ASTM D5185(m) >118	3	2	---
Potassium	ppm	ASTM D5185(m) >20	<1	0	---

INFRA-RED

	method	limit/base	current	history1	history2
Soot %	%	ASTM D7844* >3	0.2	0	---
Nitration	Abs/cm	ASTM D7624* >20	6.6	5.2	---
Sulfation	Abs/.1mm	ASTM D7415* >30	22.4	21.4	---



OIL ANALYSIS REPORT



FLUID DEGRADATION		method	limit/base	current	history1	history2
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Oxidation	Abs./1mm	ASTM D7414*	>25	20.0	18.7	---
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VISUAL		method	limit/base	current	history1	history2
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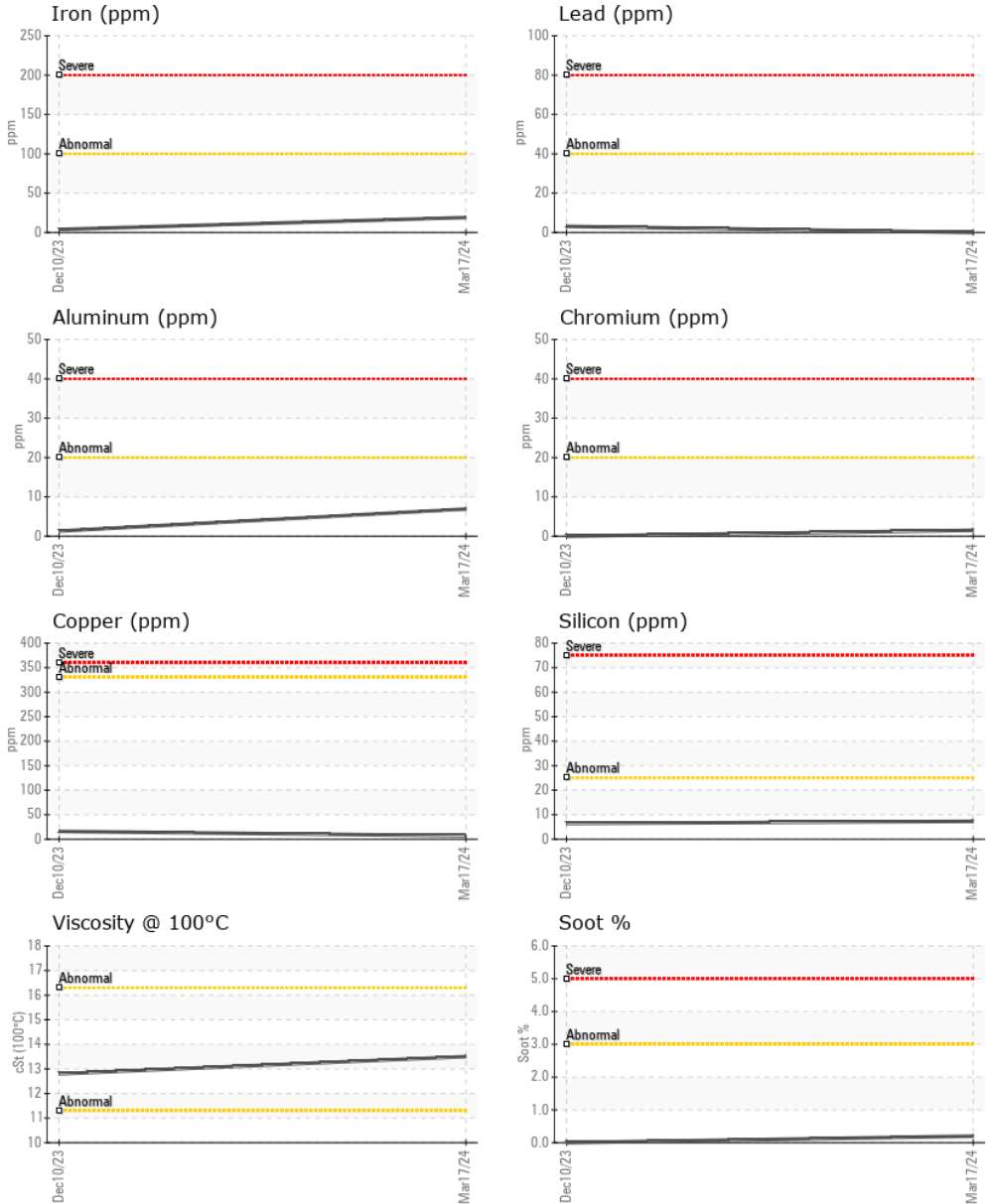
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	---
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Free Water	scalar	Visual*		NEG	NEG	---
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FLUID PROPERTIES		method	limit/base	current	history1	history2
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Visc @ 100°C	cSt	ASTM D7279(m)		13.5	12.8	---
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0910872
Lab Number : **02625549**
Unique Number : 5750668
Test Package : MOB 1

Agnico Eagle Canada
 1350 Government Rd. W, MACASSA COMPLEX
 Kirkland Lake, ON
 CA P2N 3J1
 Contact: Phil St-Denis
 Phil.St-Denis@agnicoeagle.com
 T: (705)567-5208
 F: (705)567-5221

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.