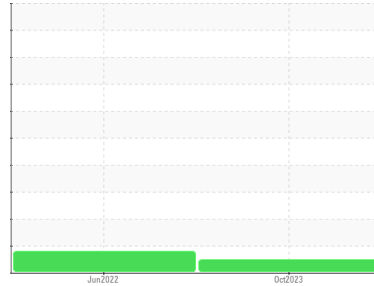




Area
Ascendum Machinery
 Machine Id
VOLVO L70H 623725
 Component
Transmission (Auto)
 Fluid
VOLVO AT 102 (6 GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

SAMPLE INFORMATION method limit/base current history1 history2

Sample Number	Client Info	ASC0001381	VCP0000565	---
Sample Date	Client Info	02 Oct 2023	13 Jun 2022	---
Machine Age	hrs	Client Info	5924	3437
Oil Age	hrs	Client Info	2487	3437
Oil Changed	Client Info	Not Chngd	Changed	---
Sample Status		NORMAL	ABNORMAL	---

WEAR METALS method limit/base current history1 history2

Iron	ppm	ASTM D5185m	>160	122	▲ 273	---
Chromium	ppm	ASTM D5185m	>5	0	<1	---
Nickel	ppm	ASTM D5185m	>5	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m	>5	0	<1	---
Aluminum	ppm	ASTM D5185m	>50	1	2	---
Lead	ppm	ASTM D5185m	>50	0	<1	---
Copper	ppm	ASTM D5185m	>225	6	10	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
Cadmium	ppm	ASTM D5185m		0	0	---

ADDITIVES method limit/base current history1 history2

Boron	ppm	ASTM D5185m	187	76	59	---
Barium	ppm	ASTM D5185m	0.0	0	0	---
Molybdenum	ppm	ASTM D5185m	0.0	<1	<1	---
Manganese	ppm	ASTM D5185m	0.0	4	9	---
Magnesium	ppm	ASTM D5185m	6.8	3	6	---
Calcium	ppm	ASTM D5185m	215	94	102	---
Phosphorus	ppm	ASTM D5185m	445	195	167	---
Zinc	ppm	ASTM D5185m	56	33	48	---
Sulfur	ppm	ASTM D5185m	1336	1847	1436	---

CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	>20	5	9	---
Sodium	ppm	ASTM D5185m		4	2	---
Potassium	ppm	ASTM D5185m	>20	2	3	---

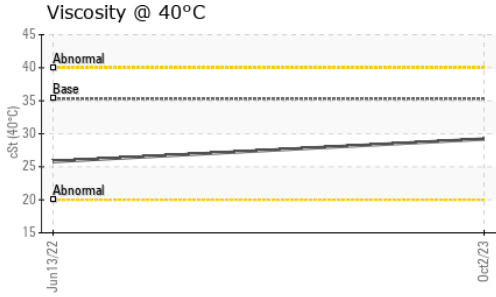
VISUAL method limit/base current history1 history2

White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	LIGHT	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---
Free Water	scalar	*Visual		NEG	NEG	---

FLUID PROPERTIES method limit/base current history1 history2

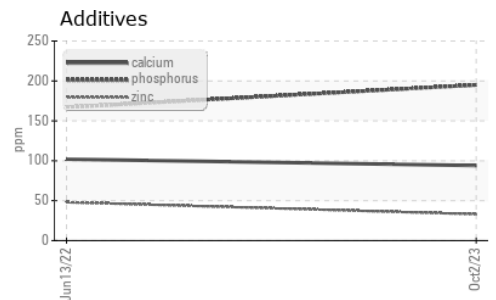
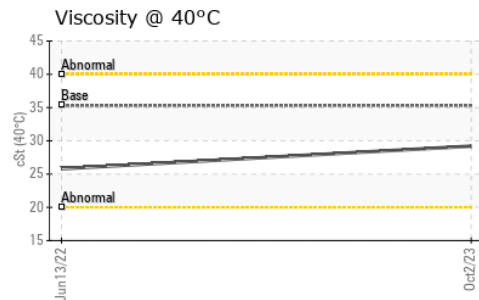
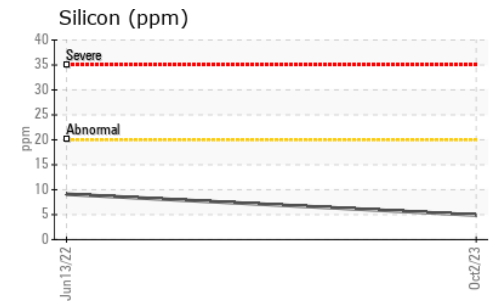
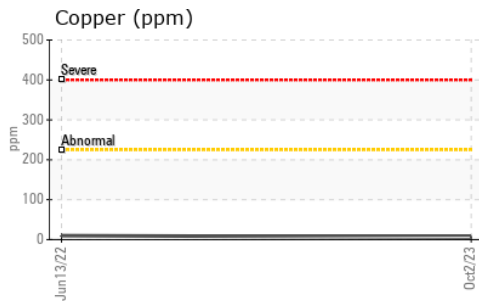
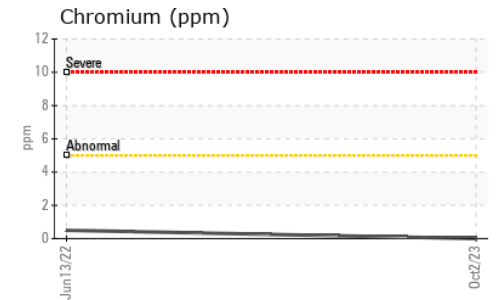
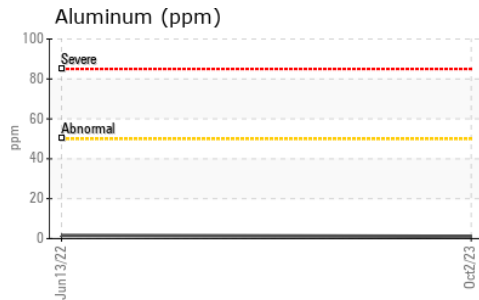
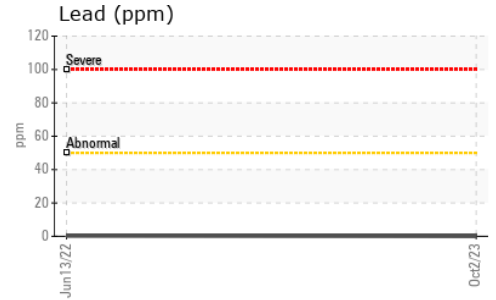
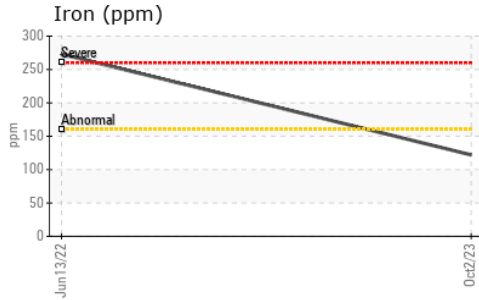
Visc @ 40°C	cSt	ASTM D445	35.3	29.2	25.8	---
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OIL ANALYSIS REPORT



SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			no image	no image	no image
Bottom			no image	no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ASC0001381 **Received** : 03 Oct 2023
Lab Number : 05968081 **Diagnosed** : 05 Oct 2023
Unique Number : 10674632 **Diagnostician** : Jonathan Hester
Test Package : MOBCE

EGGER TIMBERPAK
 1801 COTTONWOOD ST
 CHARLOTTE, NC
 US 28206
 Contact: Service Manager

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)

T:
F: