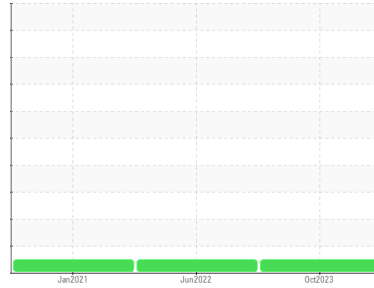




Area  
**Ascendum Machinery**  
 Machine Id  
**VOLVO L70H 623725**  
 Component  
**Front Axle**  
 Fluid  
**VOLVO WB 102 (9 GAL)**



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 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		<b>ASC0001401</b>	VCP0000568	VCP301169
Sample Date	Client Info		<b>02 Oct 2023</b>	13 Jun 2022	19 Jan 2021
Machine Age	hrs	Client Info	<b>5924</b>	4225	2064
Oil Age	hrs	Client Info	<b>1699</b>	2161	0
Oil Changed	Client Info		<b>Changed</b>	Changed	Changed
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	<b>38</b>	66	63
Chromium	ppm	ASTM D5185m >20	<b>2</b>	3	3
Nickel	ppm	ASTM D5185m >10	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m	<b>0</b>	0	<1
Silver	ppm	ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >30	<b>1</b>	<1	<1
Lead	ppm	ASTM D5185m >50	<b>0</b>	<1	0
Copper	ppm	ASTM D5185m >120	<b>&lt;1</b>	<1	11
Tin	ppm	ASTM D5185m >20	<b>0</b>	<1	<1
Antimony	ppm	ASTM D5185m >5	<b>---</b>	---	0
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	<1

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>162</b>	125	127
Barium	ppm	ASTM D5185m	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>3</b>	11	9
Manganese	ppm	ASTM D5185m	<b>4</b>	9	7
Magnesium	ppm	ASTM D5185m	<b>20</b>	12	10
Calcium	ppm	ASTM D5185m	<b>3974</b>	3874	3969
Phosphorus	ppm	ASTM D5185m	<b>1289</b>	1326	1303
Zinc	ppm	ASTM D5185m	<b>1641</b>	1593	1562
Sulfur	ppm	ASTM D5185m	<b>3749</b>	4065	3437

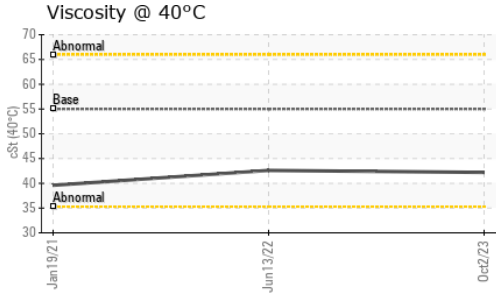
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<b>15</b>	11	13
Sodium	ppm	ASTM D5185m	<b>7</b>	6	5
Potassium	ppm	ASTM D5185m >20	<b>0</b>	0	0

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual >0.2	<b>NEG</b>	NEG	NEG
Free Water	scalar	*Visual	<b>NEG</b>	NEG	NEG

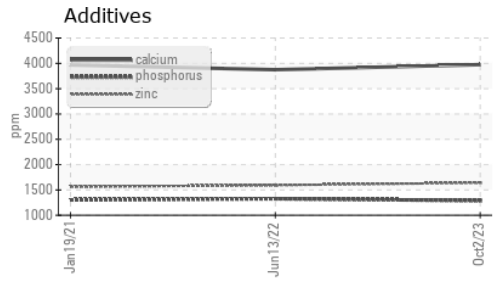
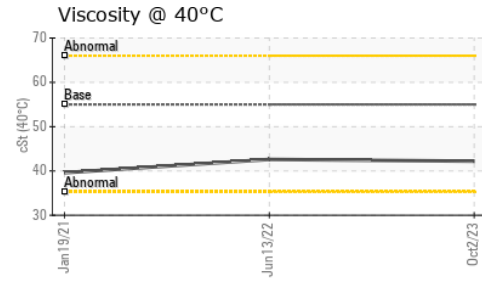
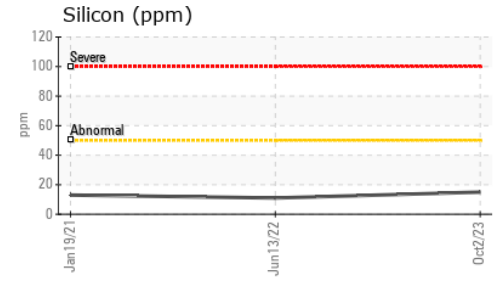
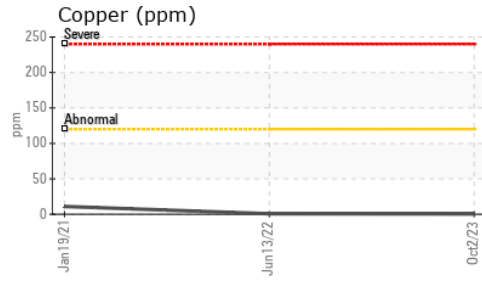
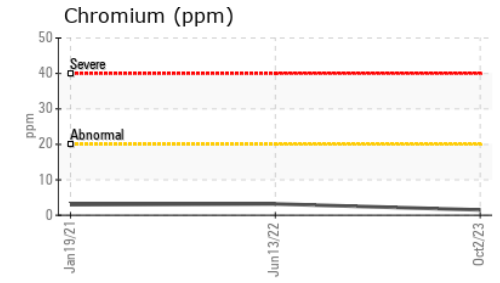
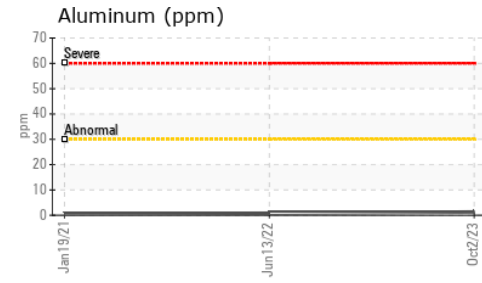
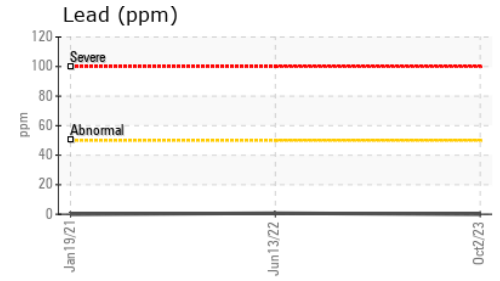
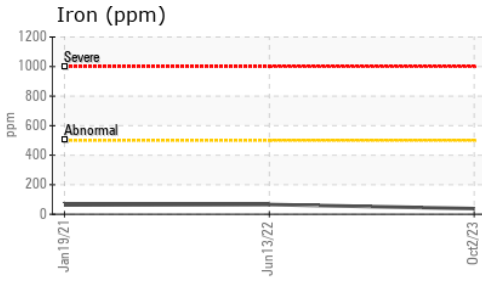
# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	55	<b>42.2</b>	42.6	39.6

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.** : ASC0001401     **Received** : 03 Oct 2023  
**Lab Number** : 05968068     **Diagnosed** : 05 Oct 2023  
**Unique Number** : 10674619     **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: