



# VOLVO

## OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Area  
**[658790 BULK]**  
Machine Id  
**VOLVO L150H 6770**  
Component  
**Transmission (Auto)**  
Fluid  
**VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>VCP437674</b>	VCP425266	VCP425722
Sample Date		Client Info		<b>03 Jan 2024</b>	19 Jun 2023	04 May 2023
Machine Age	hrs	Client Info		<b>11384</b>	10821	10350
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Filter Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>300	<b>31</b>	33	28
Chromium	ppm	ASTM D5185m	>3	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>3	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>5	<b>2</b>	0	0
Lead	ppm	ASTM D5185m	>3	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185m	>25	<b>4</b>	3	3
Tin	ppm	ASTM D5185m	>4	<b>&lt;1</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

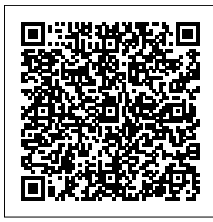
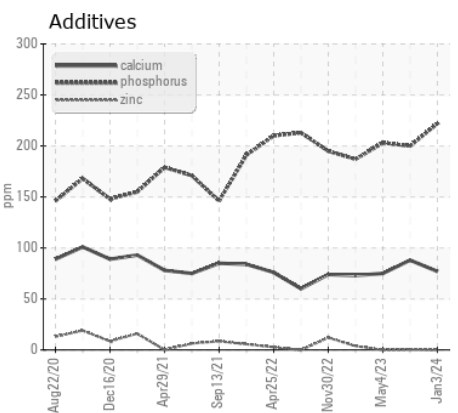
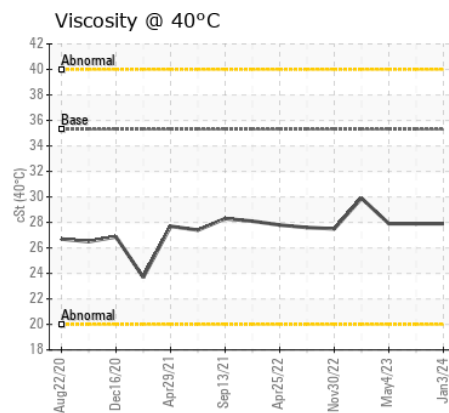
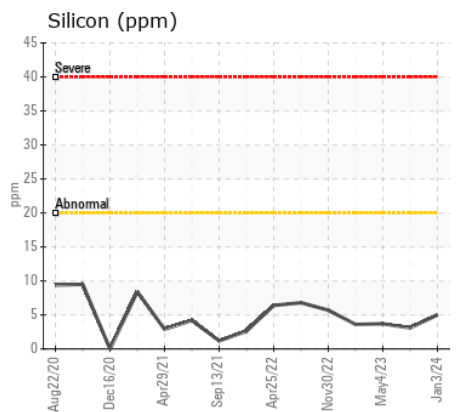
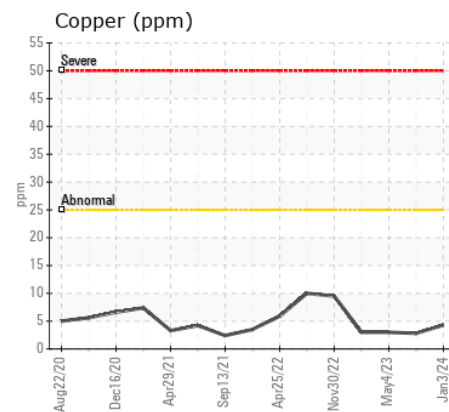
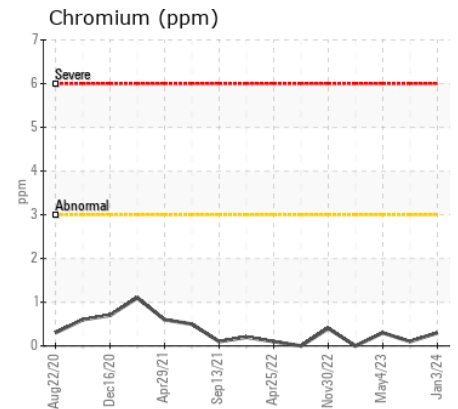
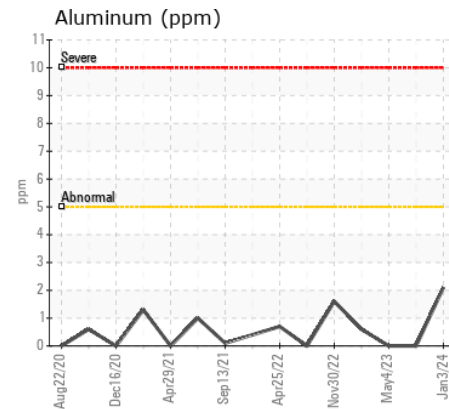
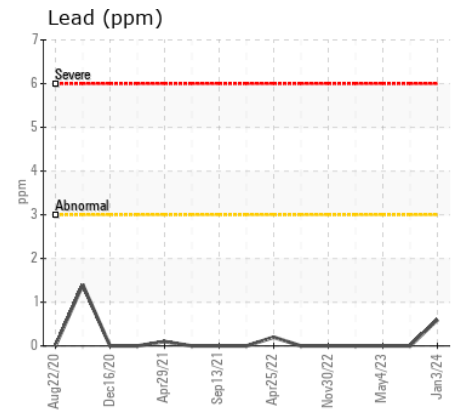
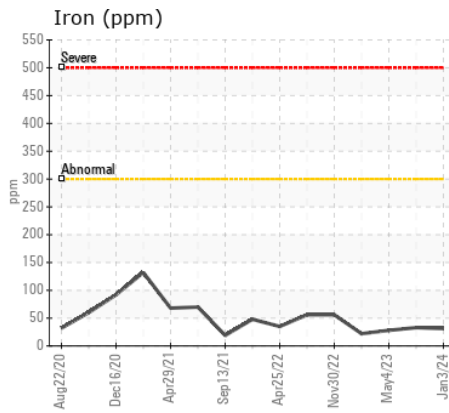
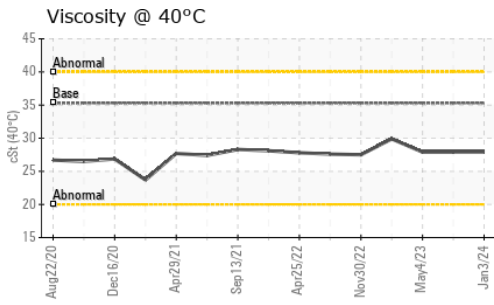
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	<b>5</b>	3	4
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	<1	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
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	>0.1	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>0</b>	2	6
Boron	ppm	ASTM D5185m	187	<b>81</b>	76	73
Barium	ppm	ASTM D5185m	0.0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0.0	<b>&lt;1</b>	0	<1
Manganese	ppm	ASTM D5185m	0.0	<b>1</b>	<1	<1
Magnesium	ppm	ASTM D5185m	6.8	<b>1</b>	<1	3
Calcium	ppm	ASTM D5185m	215	<b>77</b>	88	75
Phosphorus	ppm	ASTM D5185m	445	<b>222</b>	200	203
Zinc	ppm	ASTM D5185m	56	<b>0</b>	<1	0
Sulfur	ppm	ASTM D5185m	1336	<b>2140</b>	2174	2281
Visc @ 40°C	cSt	ASTM D445	35.3	<b>27.9</b>	27.9	27.9



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VCP437674 **Received** : 08 Jan 2024  
**Lab Number** : 06054453 **Diagnosed** : 10 Jan 2024  
**Unique Number** : 10820402 **Diagnostician** : Sean Felton  
**Test Package** : MOB 1

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
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Certificate L2367  
 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)