



Machine Id  
**VOLVO L60H 623461**  
 Component  
**Transmission (Auto)**  
 Fluid  
**VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (6 GAL)**

Sample Rating Trend



DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

▲ Wear

Gear wear is indicated.

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		ASC0004475	---	---
Sample Date	Client Info		18 Jun 2024	---	---
Machine Age	hrs	Client Info	1941	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			ABNORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	▲ 174	---	---
Chromium	ppm	ASTM D5185m >5	1	---	---
Nickel	ppm	ASTM D5185m >5	1	---	---
Titanium	ppm	ASTM D5185m	<1	---	---
Silver	ppm	ASTM D5185m >5	0	---	---
Aluminum	ppm	ASTM D5185m >50	2	---	---
Lead	ppm	ASTM D5185m >50	<1	---	---
Copper	ppm	ASTM D5185m >225	12	---	---
Tin	ppm	ASTM D5185m >10	<1	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	<1	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 187	71	---	---
Barium	ppm	ASTM D5185m 0.0	2	---	---
Molybdenum	ppm	ASTM D5185m 0.0	<1	---	---
Manganese	ppm	ASTM D5185m 0.0	10	---	---
Magnesium	ppm	ASTM D5185m 6.8	4	---	---
Calcium	ppm	ASTM D5185m 215	101	---	---
Phosphorus	ppm	ASTM D5185m 445	220	---	---
Zinc	ppm	ASTM D5185m 56	46	---	---
Sulfur	ppm	ASTM D5185m 1336	2072	---	---

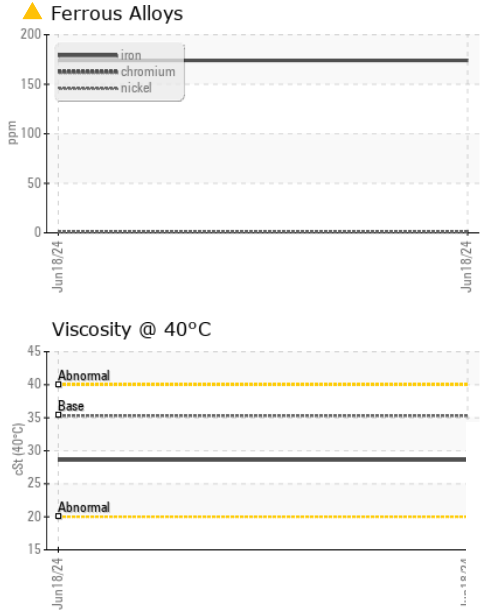
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	19	---	---
Sodium	ppm	ASTM D5185m	5	---	---
Potassium	ppm	ASTM D5185m >20	3	---	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	---	---
Yellow Metal	scalar	*Visual NONE	NONE	---	---
Precipitate	scalar	*Visual NONE	NONE	---	---
Silt	scalar	*Visual NONE	NONE	---	---
Debris	scalar	*Visual NONE	NONE	---	---
Sand/Dirt	scalar	*Visual NONE	NONE	---	---
Appearance	scalar	*Visual NORML	NORML	---	---
Odor	scalar	*Visual NORML	NORML	---	---
Emulsified Water	scalar	*Visual >0.1	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---

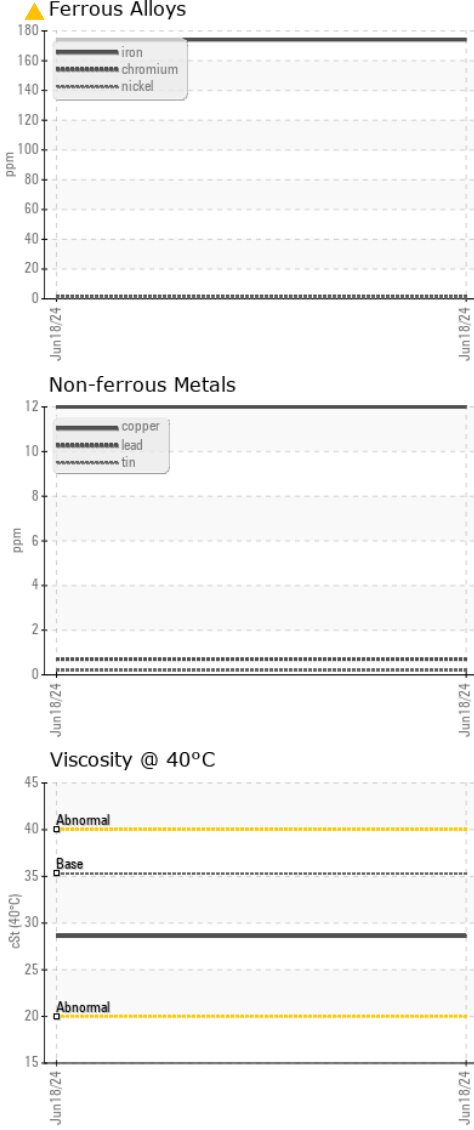
# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	35.3	<b>28.6</b>	---	---

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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ASC0004475      **Received** : 19 Jun 2024  
**Lab Number** : **06215176**      **Tested** : 21 Jun 2024  
**Unique Number** : 11088040      **Diagnosed** : 21 Jun 2024 - Sean Felton  
**Test Package** : CONST

**520 - ASCENDUM MACHINERY INC - KNOXVILLE**  
 5730 RUTLEDGE PIKE  
 KNOXVILLE, TN  
 US 37924

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)      F: (865)525-0251