



# VOLVO

## OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL



Machine Id  
**VOLVO A40G 352004**  
Component  
**Bogie/Center Axle**  
Fluid  
**NOT GIVEN (--- GAL)**

### RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

### WEAR

All component wear rates are normal.

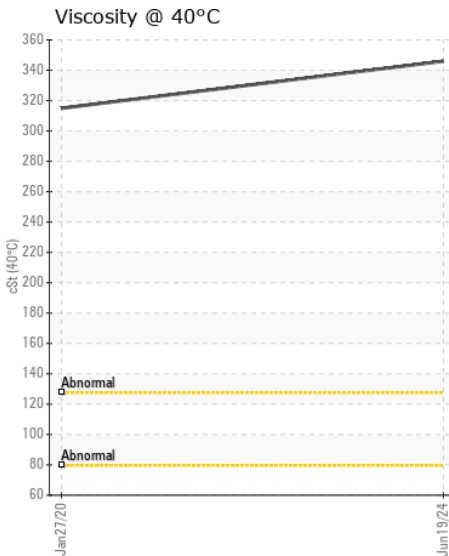
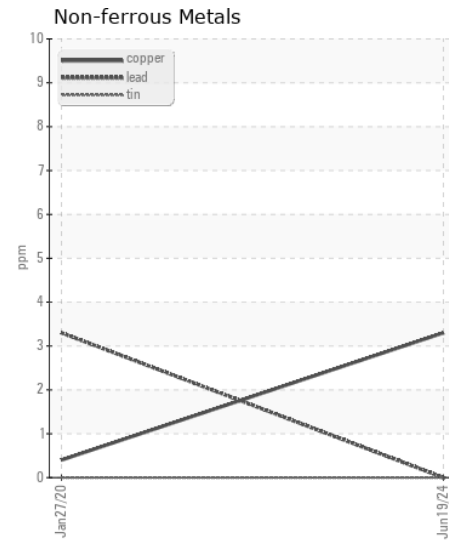
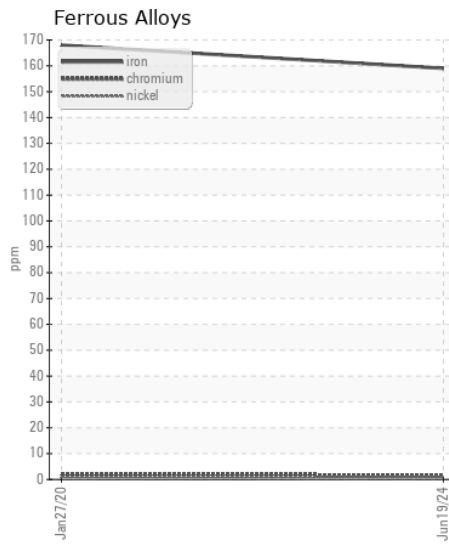
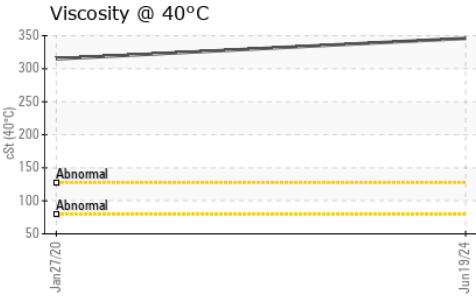
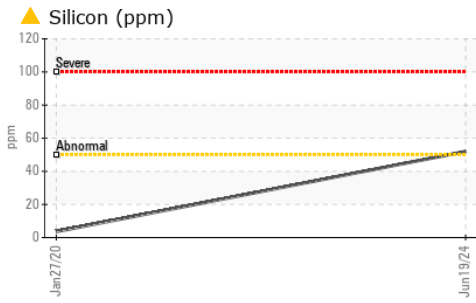
### CONTAMINATION

Elemental level of silicon (Si) above normal.

### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP0008445	VCP267732	---
Sample Date		Client Info		19 Jun 2024	27 Jan 2020	---
Machine Age	hrs	Client Info		1032	1032	---
Oil Age	hrs	Client Info		1032	1032	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	Changed	---
Filter Changed		Client Info		N/A	Not Changed	---
Sample Status				ABNORMAL	NORMAL	---
Iron	ppm	ASTM D5185m	>900	159	168	---
Chromium	ppm	ASTM D5185m	>20	2	2	---
Nickel	ppm	ASTM D5185m	>10	<1	1	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>30	4	<1	---
Lead	ppm	ASTM D5185m	>50	0	3	---
Copper	ppm	ASTM D5185m	>150	3	<1	---
Tin	ppm	ASTM D5185m	>20	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>50	▲ 52	4	---
Potassium	ppm	ASTM D5185m	>20	2	0	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---
Sodium	ppm	ASTM D5185m		1	0	---
Boron	ppm	ASTM D5185m		190	134	---
Barium	ppm	ASTM D5185m		<1	0	---
Molybdenum	ppm	ASTM D5185m		<1	1	---
Manganese	ppm	ASTM D5185m		2	3	---
Magnesium	ppm	ASTM D5185m		2	<1	---
Calcium	ppm	ASTM D5185m		56	2	---
Phosphorus	ppm	ASTM D5185m		1093	714	---
Zinc	ppm	ASTM D5185m		27	<1	---
Sulfur	ppm	ASTM D5185m		33922	21174	---
Visc @ 40°C	cSt	ASTM D445		346	315	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VCP0008445  
**Lab Number** : 06222660  
**Unique Number** : 11100857  
**Test Package** : CONST

**Received** : 27 Jun 2024  
**Tested** : 28 Jun 2024  
**Diagnosed** : 29 Jun 2024 - Don Baldrige

**ALTA EQUIPMENT COMPANY**  
 8750 PHILIPS HWY  
 JACKSONVILLE, FL  
 US 32256

Contact: SHAWN NORTHCRAFT  
 shawn.northcraft@altg.com

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)

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