



# ASCENDUM

## OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION



Machine Id  
**VOLVO A25G 742342**  
Component  
**Rear Axle**  
Fluid  
**VOLVO WB 102 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

### CONTAMINATION

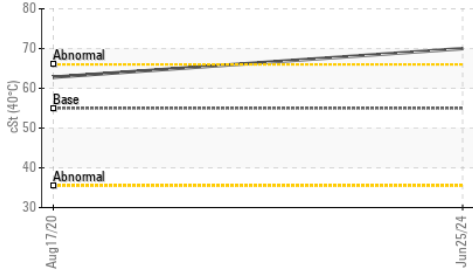
There is no indication of any contamination in the oil.

### FLUID CONDITION

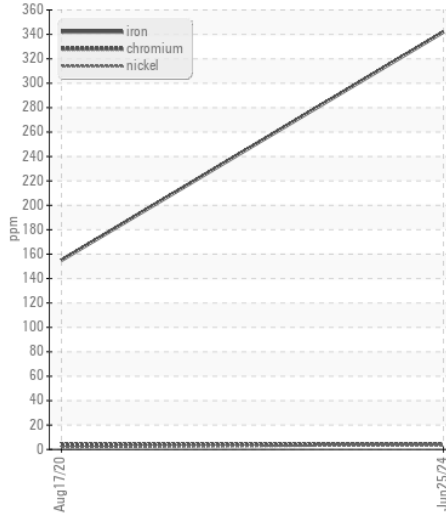
The oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0010808	VCP278169	---
Sample Date		Client Info		25 Jun 2024	17 Aug 2020	---
Machine Age	hrs	Client Info		4217	432	---
Oil Age	hrs	Client Info		4217	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	Changed	---
Filter Changed		Client Info		N/A	Changed	---
Sample Status				ATTENTION	NORMAL	---
Iron	ppm	ASTM D5185m	>900	342	155	---
Chromium	ppm	ASTM D5185m	>20	4	4	---
Nickel	ppm	ASTM D5185m	>10	4	2	---
Titanium	ppm	ASTM D5185m		1	<1	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m	>30	5	<1	---
Lead	ppm	ASTM D5185m	>50	<1	1	---
Copper	ppm	ASTM D5185m	>150	48	17	---
Tin	ppm	ASTM D5185m	>20	2	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>50	24	4	---
Potassium	ppm	ASTM D5185m	>20	3	0	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	MODER	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		4	5	---
Boron	ppm	ASTM D5185m		263	186	---
Barium	ppm	ASTM D5185m		0	<1	---
Molybdenum	ppm	ASTM D5185m		1	3	---
Manganese	ppm	ASTM D5185m		6	11	---
Magnesium	ppm	ASTM D5185m		1	0	---
Calcium	ppm	ASTM D5185m		55	30	---
Phosphorus	ppm	ASTM D5185m		2116	1378	---
Zinc	ppm	ASTM D5185m		29	8	---
Sulfur	ppm	ASTM D5185m		31424	23777	---
Visc @ 40°C	cSt	ASTM D445	55	70.0	62.8	---

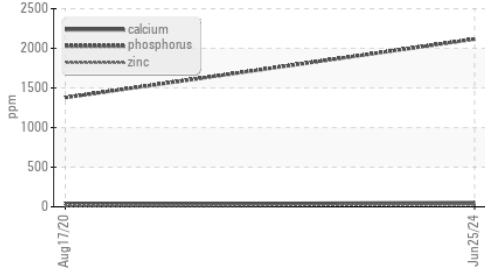
● Viscosity @ 40°C



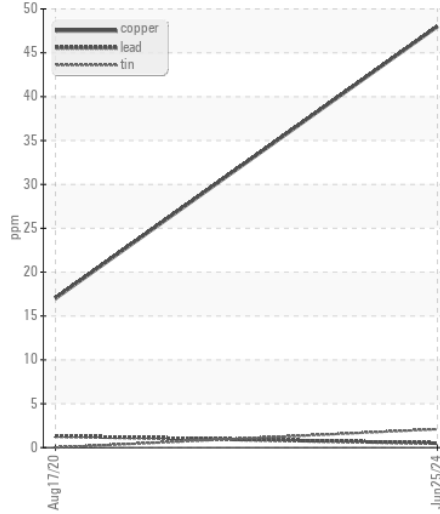
Ferrous Alloys



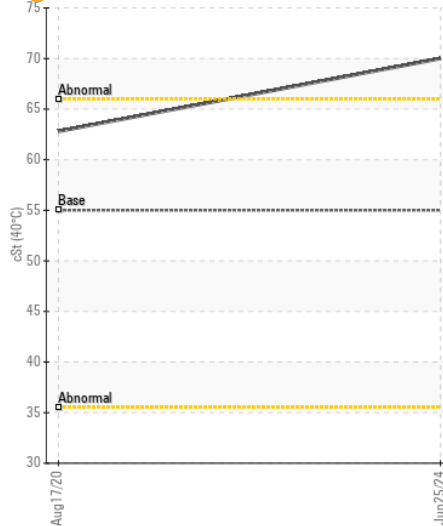
● Additives



Non-ferrous Metals



● Viscosity @ 40°C



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ASC0010808  
**Lab Number** : 06229343  
**Unique Number** : 11112836  
**Test Package** : CONST

**Received** : 05 Jul 2024  
**Tested** : 09 Jul 2024  
**Diagnosed** : 09 Jul 2024 - Don Baldrige

**365 - ASCENDUM MACHINERY INC - SAVANNAH**  
 54 MEDLINE DR  
 RICHMOND HILL, GA  
 US 31324  
 Contact: JESSE WILSON  
 jesse.wilson@ascendummachinery.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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