



OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
[W02008250]
 Machine Id
VOLVO A30G 752448
 Component
Front Axle
 Fluid
{not provided} (11 GAL)



DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. (Customer Sample Comment: W02008250)

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		ML0001023	---	---
Sample Date	Client Info		07 May 2024	---	---
Machine Age	hrs	Client Info	2760	---	---
Oil Age	hrs	Client Info	2760	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>900	315	---
Chromium	ppm	ASTM D5185m	>20	5	---
Nickel	ppm	ASTM D5185m	>10	4	---
Titanium	ppm	ASTM D5185m		<1	---
Silver	ppm	ASTM D5185m		0	---
Aluminum	ppm	ASTM D5185m	>30	2	---
Lead	ppm	ASTM D5185m	>50	0	---
Copper	ppm	ASTM D5185m	>150	25	---
Tin	ppm	ASTM D5185m	>20	1	---
Vanadium	ppm	ASTM D5185m		<1	---
Cadmium	ppm	ASTM D5185m		<1	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		294	---
Barium	ppm	ASTM D5185m		4	---
Molybdenum	ppm	ASTM D5185m		9	---
Manganese	ppm	ASTM D5185m		9	---
Magnesium	ppm	ASTM D5185m		2	---
Calcium	ppm	ASTM D5185m		864	---
Phosphorus	ppm	ASTM D5185m		1514	---
Zinc	ppm	ASTM D5185m		374	---
Sulfur	ppm	ASTM D5185m		21844	---

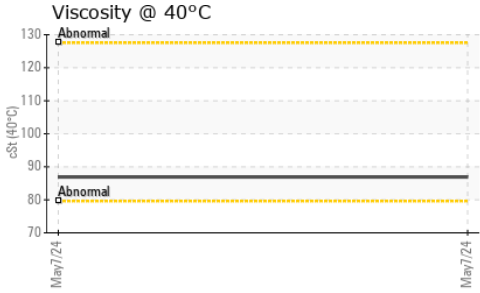
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	7	---
Sodium	ppm	ASTM D5185m		<1	---
Potassium	ppm	ASTM D5185m	>20	6	---

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	MODER	---
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	>0.2	NEG	---
Free Water	scalar	*Visual		NEG	---

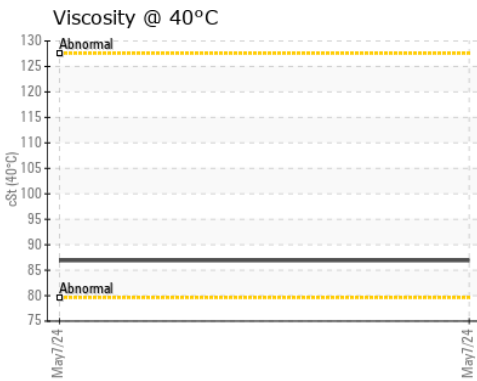
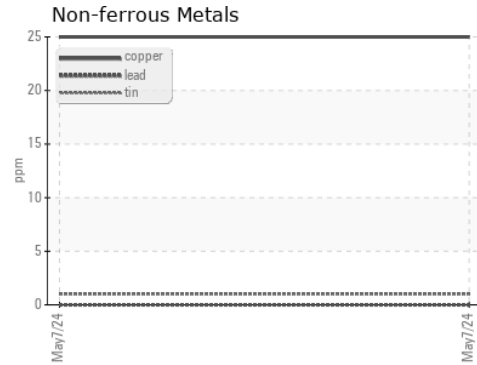
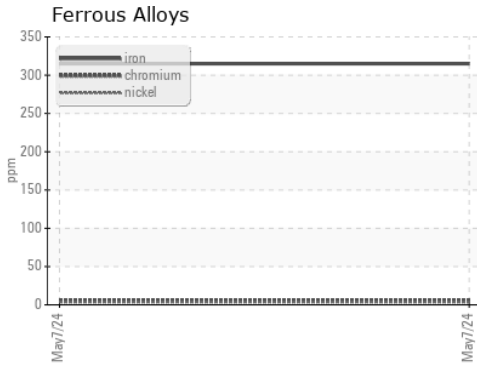
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	86.9	---	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ML0001023 **Received** : 09 May 2024
Lab Number : 06174353 **Tested** : 10 May 2024
Unique Number : 11020406 **Diagnosed** : 13 May 2024 - Don Baldrige
Test Package : CONST

WILLIAM HAZEL
 PO BOX 600
 CHANTILLY, VA
 US 20153

Contact: SERVICE MANAGER
 jimmy_elswick@wahazel.com
 T: (703)378-8300
 F:

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)