



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION



Area
[730409 RENTALS]
 Machine Id
VOLVO A25G 752678
 Component
Drop Box
 Fluid
VOLVO PREMIUM GEAR OIL 85W-140 GL-5 (--- GAL)

RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP439521	VCP440247	---
Sample Date		Client Info		08 Jul 2024	06 Oct 2023	---
Machine Age	hrs	Client Info		2073	803	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Not Changed	Not Changed	---
Sample Status				ATTENTION	ATTENTION	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	105	45	---
Chromium	ppm	ASTM D5185m	>20	2	<1	---
Nickel	ppm	ASTM D5185m	>10	0	<1	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>30	15	0	---
Lead	ppm	ASTM D5185m	>30	0	<1	---
Copper	ppm	ASTM D5185m	>30	3	2	---
Tin	ppm	ASTM D5185m	>20	0	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

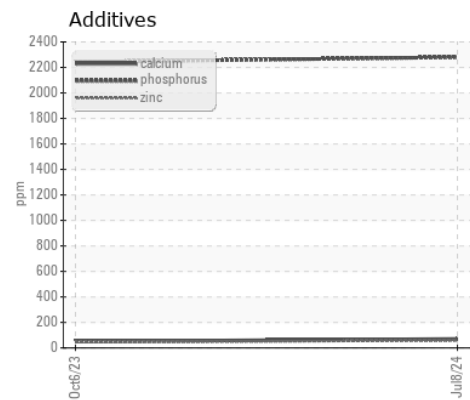
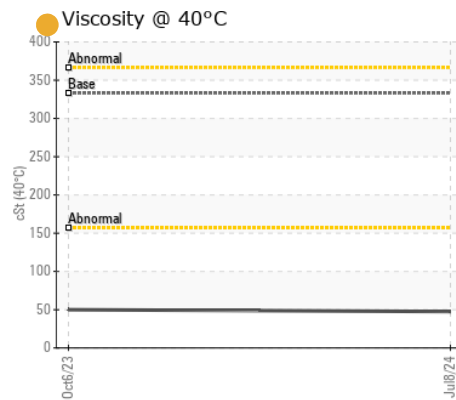
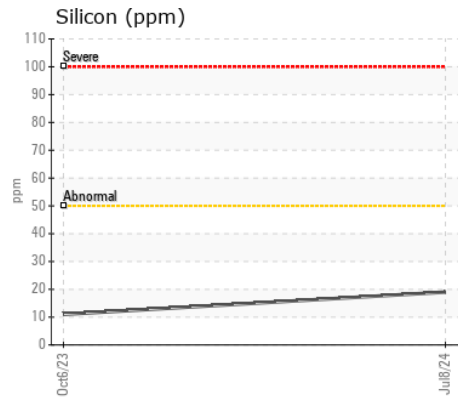
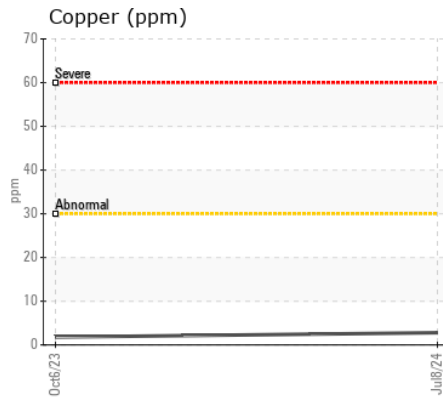
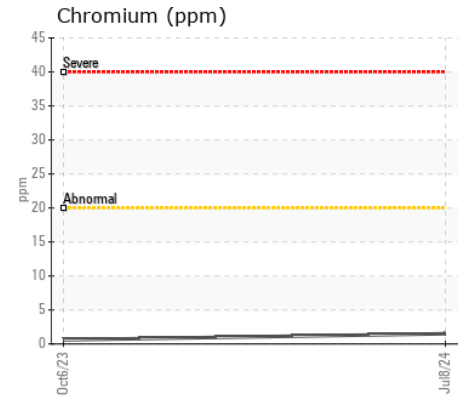
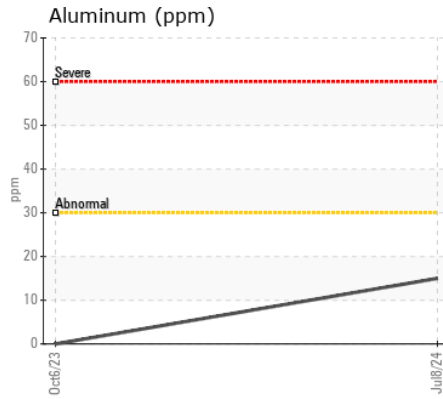
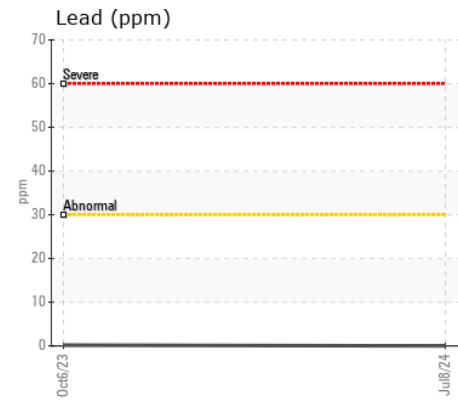
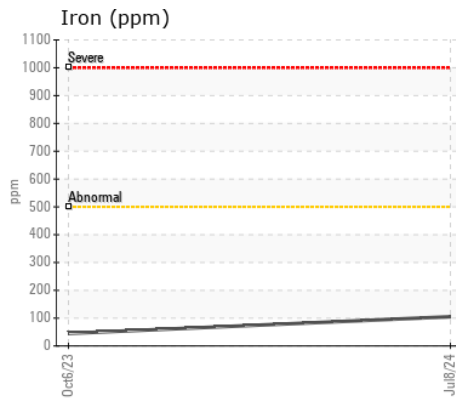
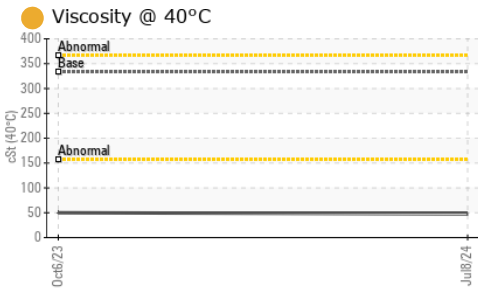
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	19	11	---
Potassium	ppm	ASTM D5185m	>20	<1	3	---
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	---

FLUID CONDITION

The oil viscosity is lower than normal. Confirm oil type.

Sodium	ppm	ASTM D5185m		4	2	---
Boron	ppm	ASTM D5185m	111	137	176	---
Barium	ppm	ASTM D5185m	0.0	<1	2	---
Molybdenum	ppm	ASTM D5185m	0.9	6	6	---
Manganese	ppm	ASTM D5185m	0.0	2	1	---
Magnesium	ppm	ASTM D5185m	39	5	1	---
Calcium	ppm	ASTM D5185m	93	71	51	---
Phosphorus	ppm	ASTM D5185m	920	2280	2243	---
Zinc	ppm	ASTM D5185m	104	58	45	---
Sulfur	ppm	ASTM D5185m	20179	28466	25797	---
Visc @ 40°C	cSt	ASTM D445	333	47.6	50.0	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP439521 **Received** : 17 Jul 2024
Lab Number : 06239466 **Tested** : 18 Jul 2024
Unique Number : 11128300 **Diagnosed** : 19 Jul 2024 - Don Baldridge
Test Package : MOB 1

ALTA EQUIPMENT COMPANY
 5210 REESE ROAD
 DAVIE, FL
 US 33314
 Contact: N. FACEY
 nfacey@altaequipfl.com
 T: (954)581-4744
 F: (954)583-0318

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)