



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	ATTENTION



Area
[SUPERIOR]
Machine Id
VOLVO A30G 753239
Component
Transmission (Auto)
Fluid
DIESEL ENGINE OIL SAE 15W40 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP441532	VCP386695	---
Sample Date		Client Info		17 Feb 2024	19 Sep 2023	---
Machine Age	hrs	Client Info		1261	610	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	Not Changd	---
Filter Changed		Client Info		N/A	Not Changd	---
Sample Status				ABNORMAL	ABNORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	27	22	---
Chromium	ppm	ASTM D5185m	>5	0	0	---
Nickel	ppm	ASTM D5185m	>5	<1	2	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m	>5	0	0	---
Aluminum	ppm	ASTM D5185m	>50	18	10	---
Lead	ppm	ASTM D5185m	>50	1	<1	---
Copper	ppm	ASTM D5185m	>225	20	16	---
Tin	ppm	ASTM D5185m	>10	3	2	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

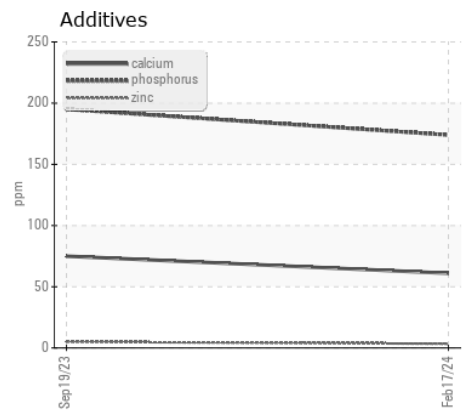
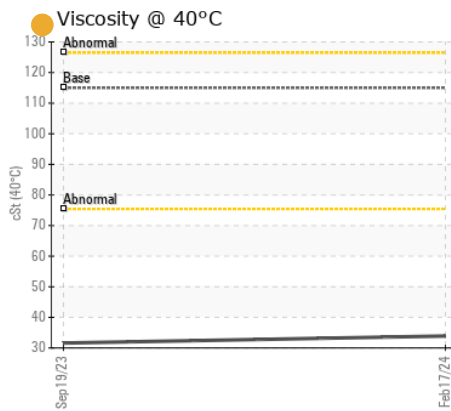
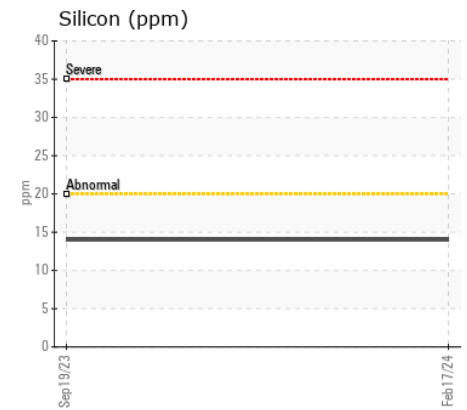
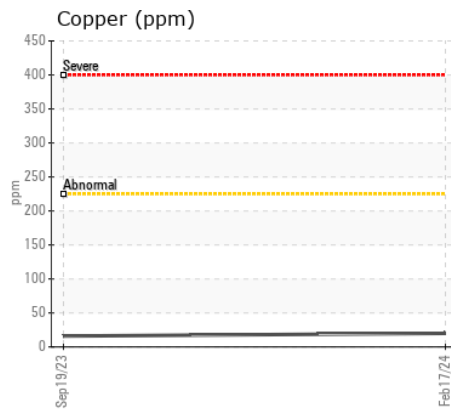
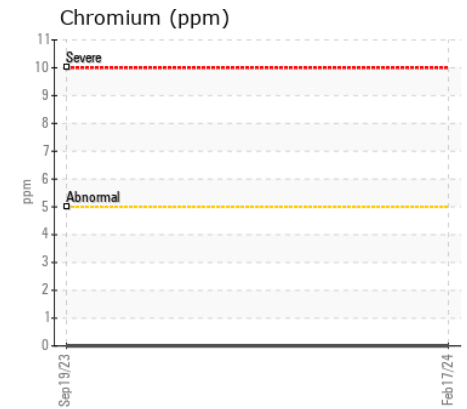
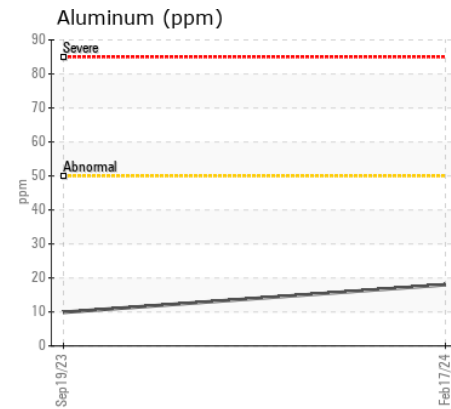
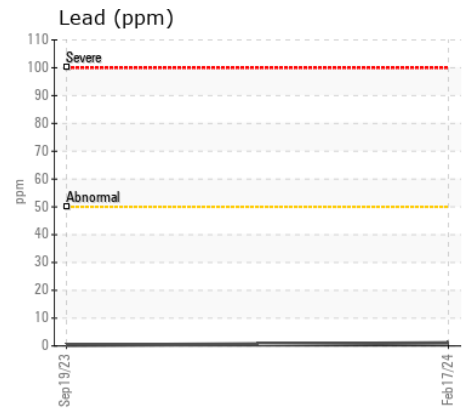
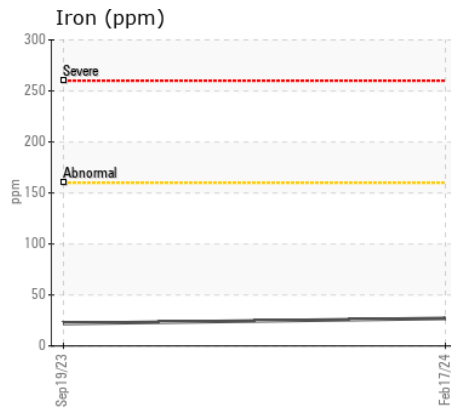
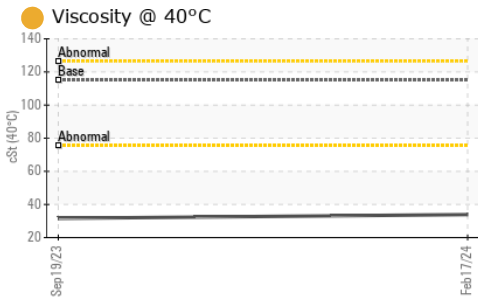
Moderate concentration of visible dirt/debris present in the fluid.

Silicon	ppm	ASTM D5185m	>20	14	14	---
Potassium	ppm	ASTM D5185m	>20	4	60	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	▲ MODER	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---

FLUID CONDITION

The fluid viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of fluid. Confirm oil type.

Sodium	ppm	ASTM D5185m	>158	7	2	---
Boron	ppm	ASTM D5185m	250	73	113	---
Barium	ppm	ASTM D5185m	10	<1	0	---
Molybdenum	ppm	ASTM D5185m	100	0	<1	---
Manganese	ppm	ASTM D5185m		4	3	---
Magnesium	ppm	ASTM D5185m	450	<1	<1	---
Calcium	ppm	ASTM D5185m	3000	61	75	---
Phosphorus	ppm	ASTM D5185m	1150	174	195	---
Zinc	ppm	ASTM D5185m	1350	3	5	---
Sulfur	ppm	ASTM D5185m	4250	1535	2285	---
Visc @ 40°C	cSt	ASTM D445	115	● 33.9	31.6	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP441532
Lab Number : 06102627
Unique Number : 10900857
Test Package : MOB 1

Received : 27 Feb 2024
Tested : 28 Feb 2024
Diagnosed : 29 Feb 2024 - Don Baldrige

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233

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)