



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area

[717102]

Machine Id

VOLVO A30G 752979

Component

Front Axle

Fluid

VOLVO PREMIUM GEAR OIL 85W-140 GL-5 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP752979	VCP434735	---
Sample Date		Client Info		23 May 2024	20 Sep 2023	---
Machine Age	hrs	Client Info		2031	1003	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>900	264	174	---
Chromium	ppm	ASTM D5185m	>20	5	5	---
Nickel	ppm	ASTM D5185m	>10	1	2	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>30	<1	<1	---
Lead	ppm	ASTM D5185m	>50	0	0	---
Copper	ppm	ASTM D5185m	>150	9	7	---
Tin	ppm	ASTM D5185m	>20	<1	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

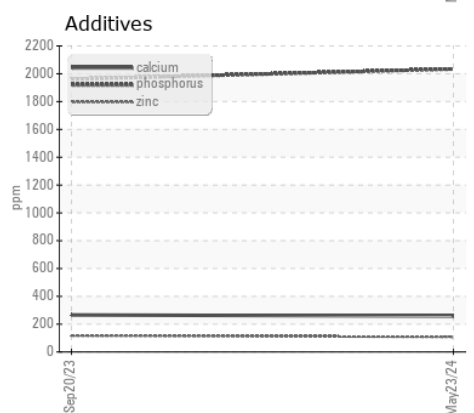
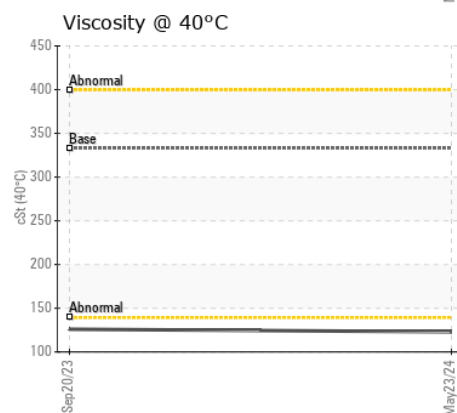
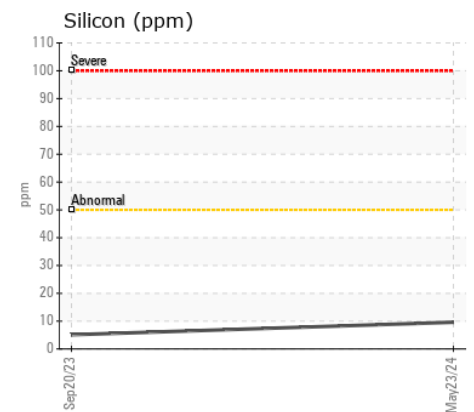
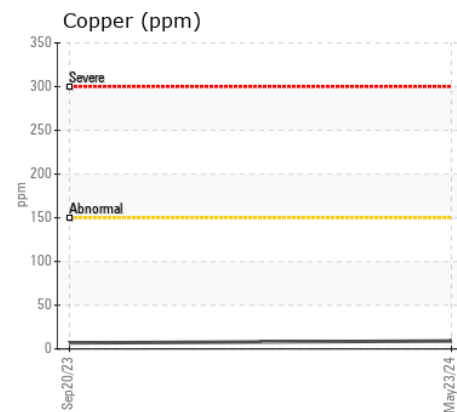
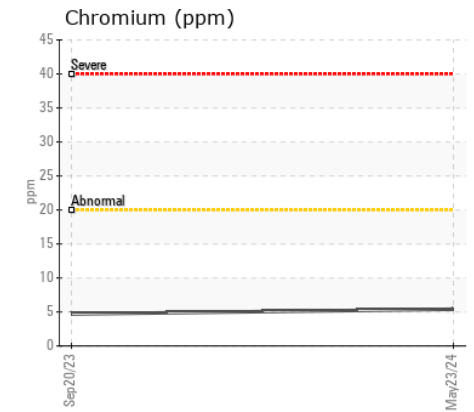
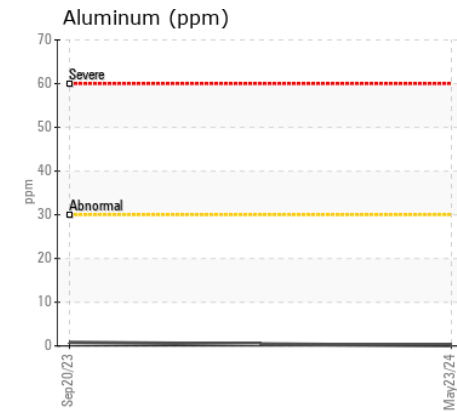
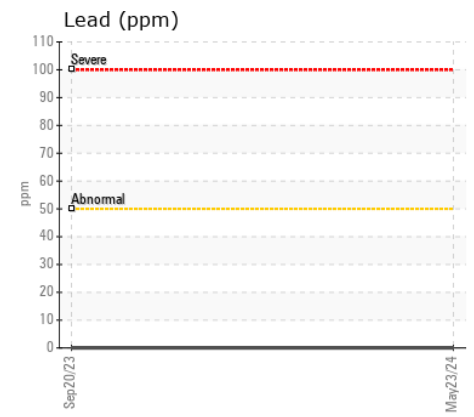
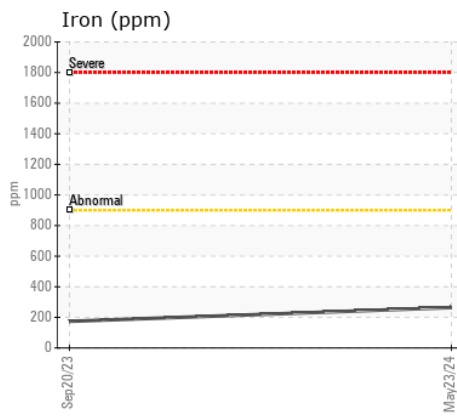
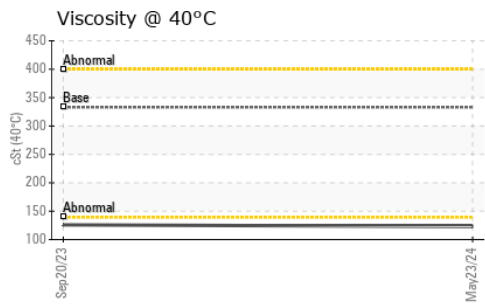
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	10	5	---
Potassium	ppm	ASTM D5185m	>20	3	4	---
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 condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<1	<1	---
Boron	ppm	ASTM D5185m	111	243	241	---
Barium	ppm	ASTM D5185m	0.0	<1	0	---
Molybdenum	ppm	ASTM D5185m	0.9	5	5	---
Manganese	ppm	ASTM D5185m	0.0	10	9	---
Magnesium	ppm	ASTM D5185m	39	3	1	---
Calcium	ppm	ASTM D5185m	93	258	266	---
Phosphorus	ppm	ASTM D5185m	920	2034	1961	---
Zinc	ppm	ASTM D5185m	104	108	117	---
Sulfur	ppm	ASTM D5185m	20179	26943	24604	---
Visc @ 40°C	cSt	ASTM D445	333	123	126	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP752979
Lab Number : 06197080
Unique Number : 11059203
Test Package : MOB 1

JON M HALL COMPANY
 1920 BOOTHE CIRCLE SUITE 110
 LONGWOOD, FL
 US 32750
 Contact: SERVICE MANAGER

Received : 31 May 2024
Tested : 03 Jun 2024
Diagnosed : 04 Jun 2024 - Don Baldrige

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)

T: (407)215-0410

F: