



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[SWO-071952]
 Machine Id
VOLVO A45G 352969
 Component
Brake
 Fluid
VOLVO WB 101 (--- 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

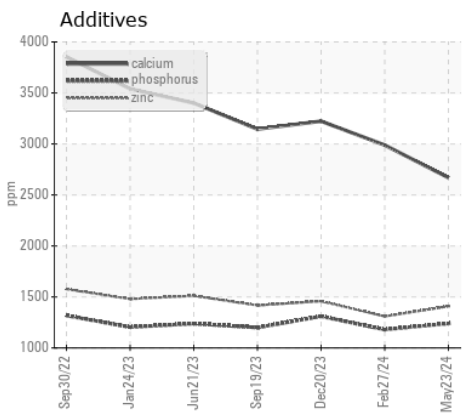
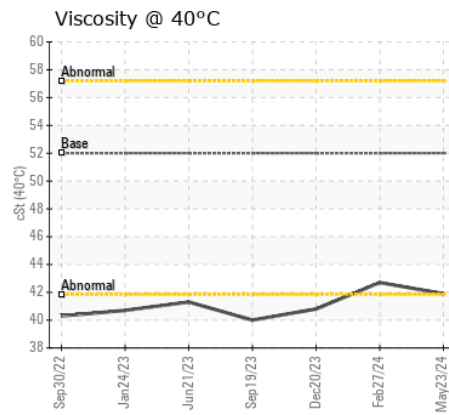
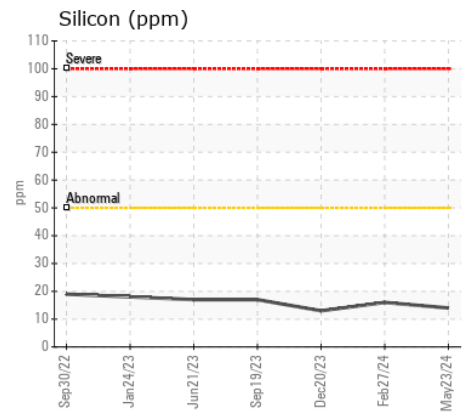
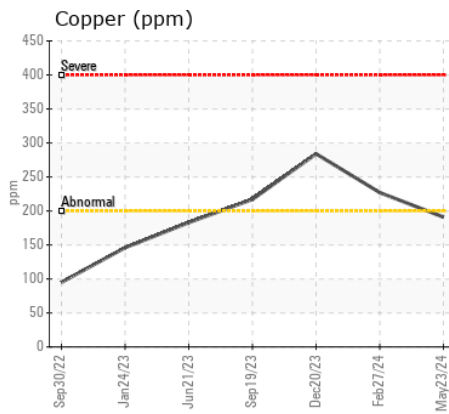
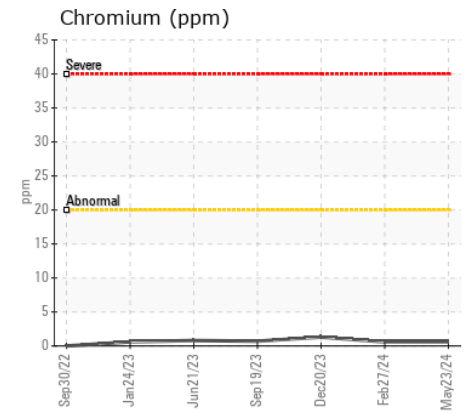
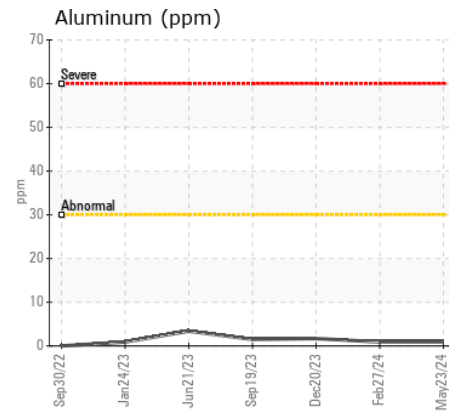
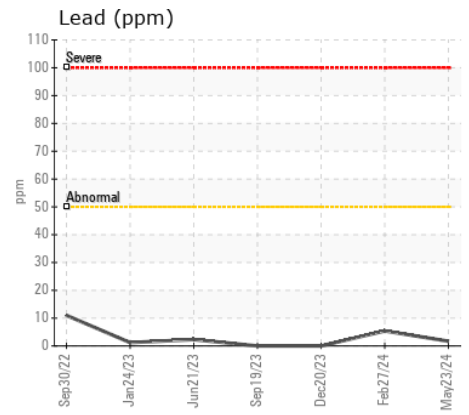
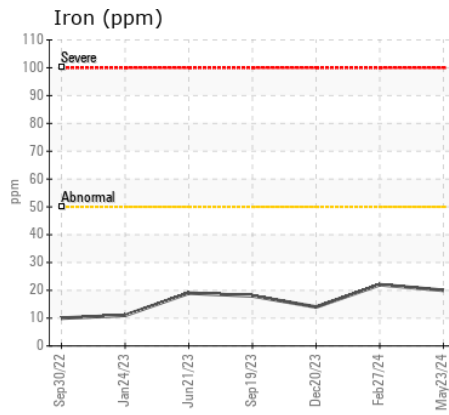
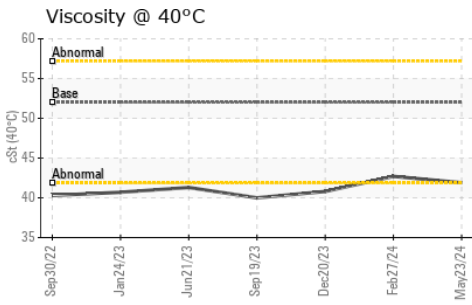
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP439687	VCP446713	VCP414811
Sample Date		Client Info		23 May 2024	27 Feb 2024	20 Dec 2023
Machine Age	hrs	Client Info		3944	3453	2980
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Not Changd	Changed
Sample Status				NORMAL	ABNORMAL	ABNORMAL

Iron	ppm	ASTM D5185m	>50	20	22	14
Chromium	ppm	ASTM D5185m	>20	<1	<1	1
Nickel	ppm	ASTM D5185m	>10	5	5	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>30	<1	<1	2
Lead	ppm	ASTM D5185m	>50	2	5	0
Copper	ppm	ASTM D5185m	>200	191	▲ 227	▲ 284
Tin	ppm	ASTM D5185m	>20	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>50	14	16	13
Potassium	ppm	ASTM D5185m	>20	2	0	0
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		9	10	0
Boron	ppm	ASTM D5185m	100	86	95	103
Barium	ppm	ASTM D5185m	0	0	0	4
Molybdenum	ppm	ASTM D5185m	0	1	<1	0
Manganese	ppm	ASTM D5185m		1	1	0
Magnesium	ppm	ASTM D5185m	0	140	50	48
Calcium	ppm	ASTM D5185m	3800	2669	2989	3223
Phosphorus	ppm	ASTM D5185m	1200	1240	1180	1310
Zinc	ppm	ASTM D5185m	1500	1409	1309	1459
Sulfur	ppm	ASTM D5185m	6500	4800	3782	5306
Visc @ 40°C	cSt	ASTM D445	52.0	41.9	42.7	40.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : VCP439687

Lab Number : 06195803

Unique Number : 11057926

Test Package : MOB 1

Received : 30 May 2024

Tested : 31 May 2024

Diagnosed : 01 Jun 2024 - Don Baldrige

SAIIA CONSTRUCTION LLC

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US 35207

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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)