



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[715079 RENTALS]
 Machine Id
VOLVO A25G 752922
 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		VCP451232	VCP436612	VCP436609
Sample Date		Client Info		06 May 2024	29 Jan 2024	29 Jan 2024
Machine Age	hrs	Client Info		1092	574	549
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Not Changed	Not Changed	Not Changed
Sample Status				NORMAL	ATTENTION	ATTENTION

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>900	256	364	356
Chromium	ppm	ASTM D5185m	>20	5	8	8
Nickel	ppm	ASTM D5185m	>10	3	4	5
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>30	0	<1	<1
Lead	ppm	ASTM D5185m	>50	1	<1	<1
Copper	ppm	ASTM D5185m	>150	23	31	31
Tin	ppm	ASTM D5185m	>20	<1	1	1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

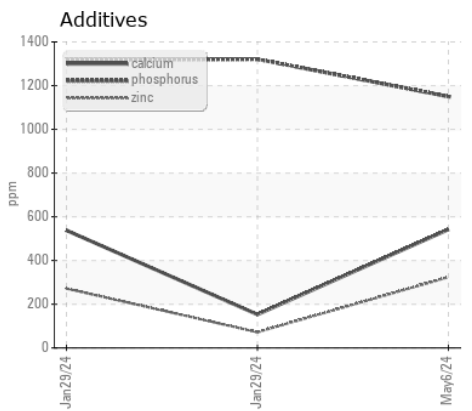
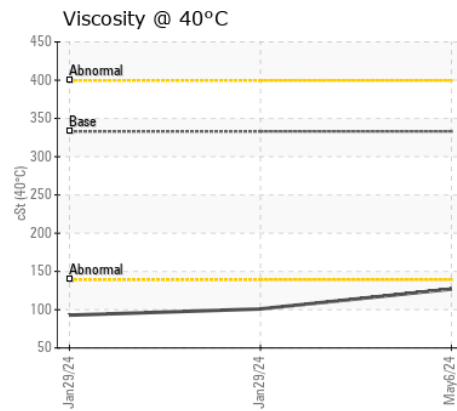
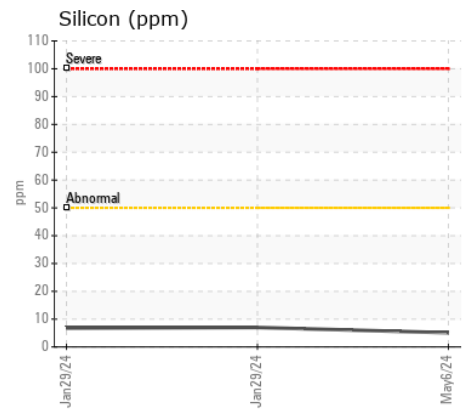
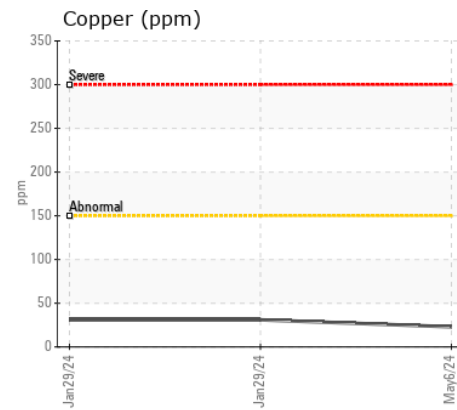
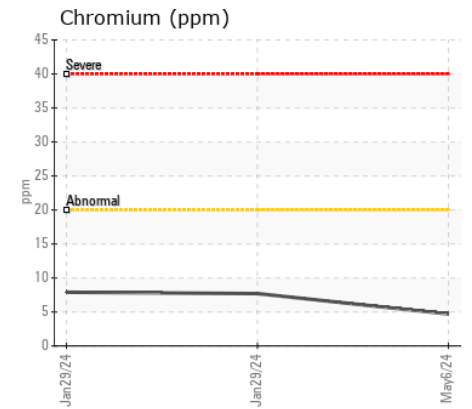
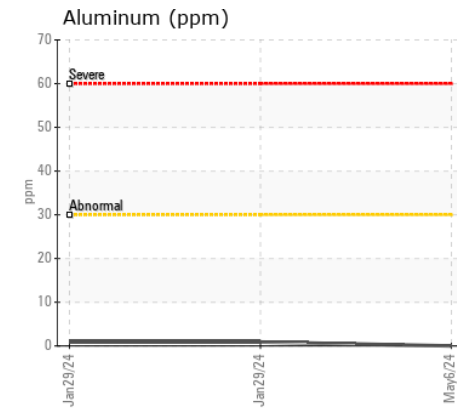
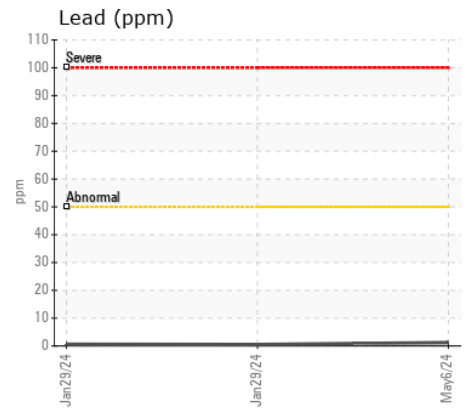
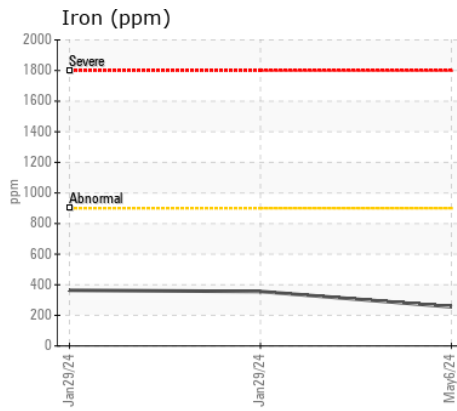
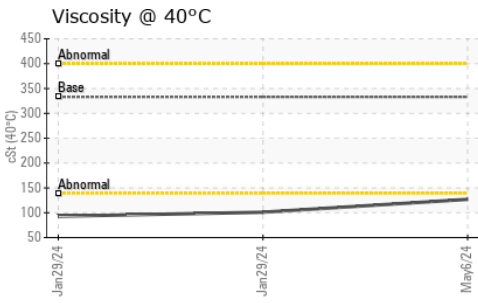
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	5	7	7
Potassium	ppm	ASTM D5185m	>20	2	6	5
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	LIGHT	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	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

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		1	0	0
Boron	ppm	ASTM D5185m	111	141	283	233
Barium	ppm	ASTM D5185m	0.0	3	0	0
Molybdenum	ppm	ASTM D5185m	0.9	12	12	10
Manganese	ppm	ASTM D5185m	0.0	8	15	13
Magnesium	ppm	ASTM D5185m	39	64	3	4
Calcium	ppm	ASTM D5185m	93	542	153	538
Phosphorus	ppm	ASTM D5185m	920	1150	1321	1319
Zinc	ppm	ASTM D5185m	104	324	72	272
Sulfur	ppm	ASTM D5185m	20179	22458	24564	22435
Visc @ 40°C	cSt	ASTM D445	333	127	101	92.9



Certificate L2367

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

Sample No. : VCP451232

Lab Number : 06174232

Unique Number : 11020285

Test Package : MOB 1

Received : 09 May 2024

Tested : 10 May 2024

Diagnosed : 13 May 2024 - Angela Borella

ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

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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)