



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[RS0036629]
Machine Id
VOLVO A30G 752053
Component
Rear Axle
Fluid
VOLVO PREMIUM GEAR OIL 80W-90 GL-5 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP430883	VCP345686	---
Sample Date		Client Info		09 Jan 2024	31 Jan 2022	---
Machine Age	hrs	Client Info		4956	2189	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		N/A	Not Changed	---
Sample Status				NORMAL	ATTENTION	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>900	313	403	---
Chromium	ppm	ASTM D5185m	>20	5	8	---
Nickel	ppm	ASTM D5185m	>10	3	4	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>30	2	9	---
Lead	ppm	ASTM D5185m	>50	0	0	---
Copper	ppm	ASTM D5185m	>150	12	23	---
Tin	ppm	ASTM D5185m	>20	0	1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

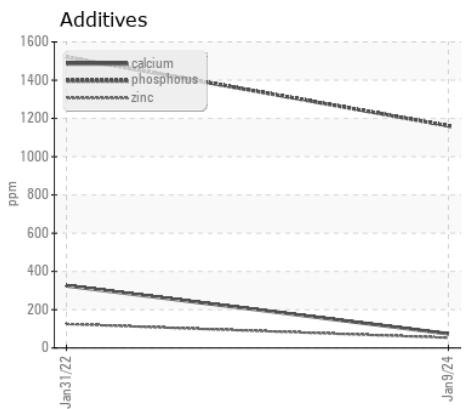
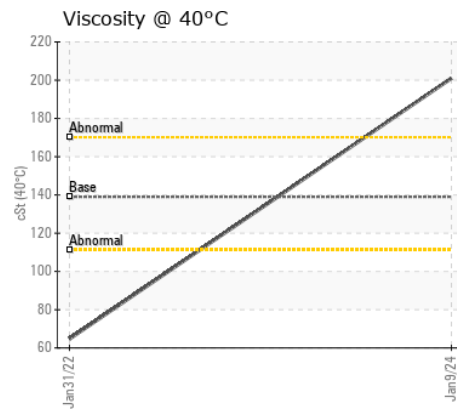
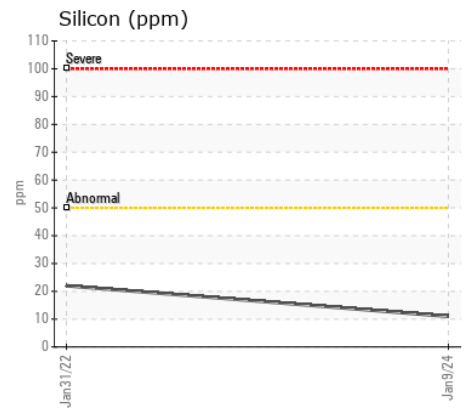
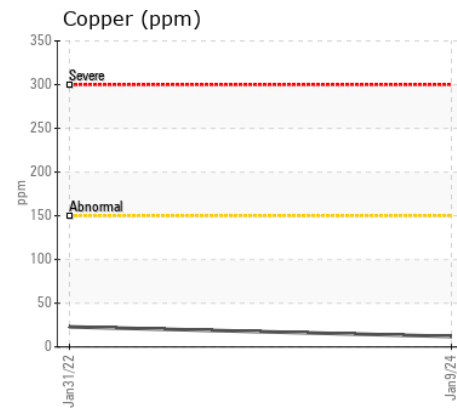
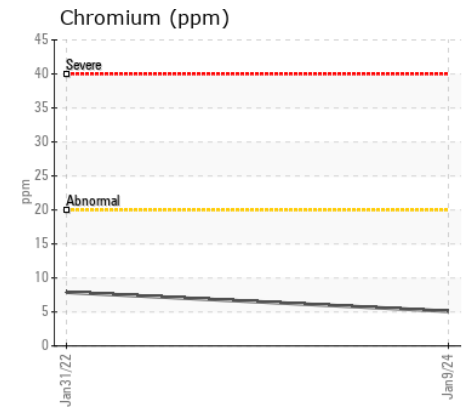
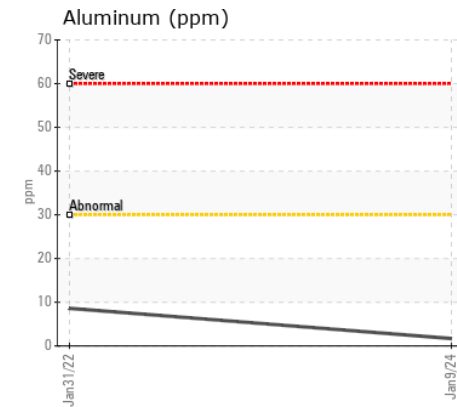
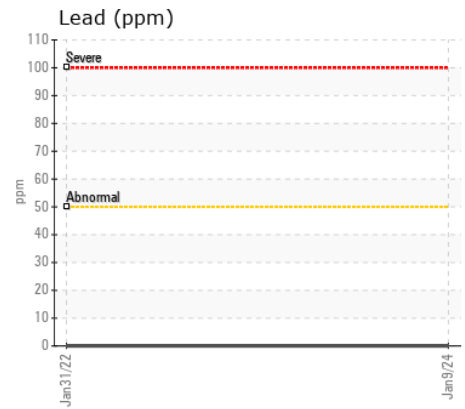
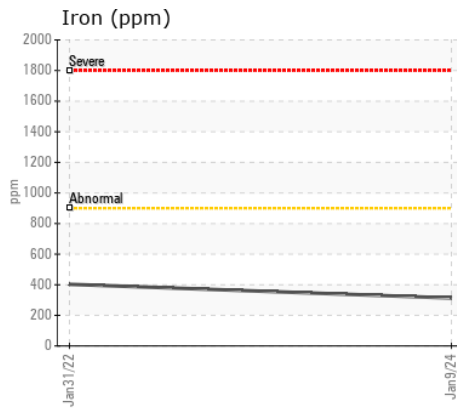
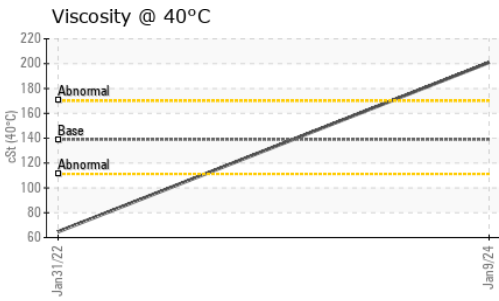
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	11	22	---
Potassium	ppm	ASTM D5185m	>20	4	3	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	LIGHT	---
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		0	4	---
Boron	ppm	ASTM D5185m	379	102	196	---
Barium	ppm	ASTM D5185m	0.0	5	0	---
Molybdenum	ppm	ASTM D5185m	0.8	6	11	---
Manganese	ppm	ASTM D5185m	0.0	11	25	---
Magnesium	ppm	ASTM D5185m	31	13	<1	---
Calcium	ppm	ASTM D5185m	38	74	325	---
Phosphorus	ppm	ASTM D5185m	1077	1161	1521	---
Zinc	ppm	ASTM D5185m	46	53	125	---
Sulfur	ppm	ASTM D5185m	23526	24604	22440	---
Visc @ 40°C	cSt	ASTM D445	139	201	▲ 64.7	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP430883 **Recieved** : 17 Jan 2024
Lab Number : 06063138 **Diagnosed** : 18 Jan 2024
Unique Number : 10834520 **Diagnostician** : Wes Davis
Test Package : MOB 1

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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)