



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[659479]
Machine Id
VOLVO A30G 753089
Component
Rear 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		VCP417488	VCP431469	---
Sample Date		Client Info		11 Jan 2024	01 Nov 2023	---
Machine Age	hrs	Client Info		1134	896	---
Oil Age	hrs	Client Info		0	896	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	N/A	---
Filter Changed		Client Info		Not Changed	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>900	238	144	---
Chromium	ppm	ASTM D5185m	>20	4	3	---
Nickel	ppm	ASTM D5185m	>10	2	1	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>30	2	2	---
Lead	ppm	ASTM D5185m	>50	0	0	---
Copper	ppm	ASTM D5185m	>150	5	9	---
Tin	ppm	ASTM D5185m	>20	0	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

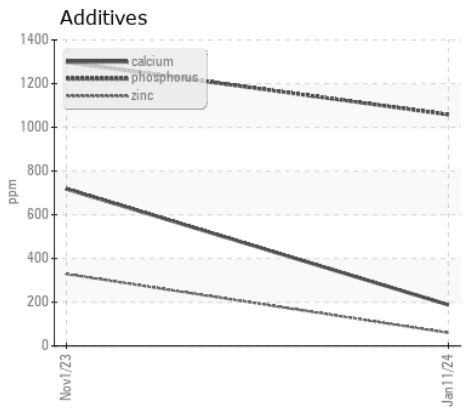
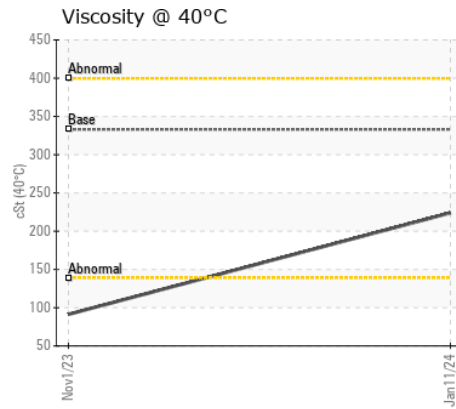
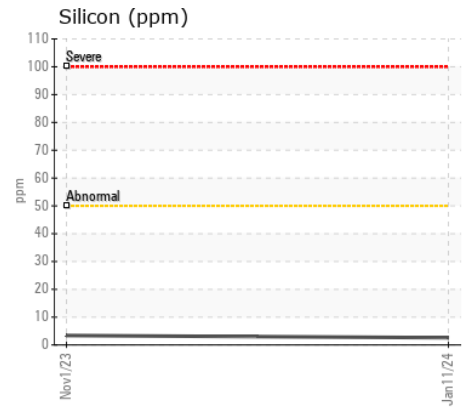
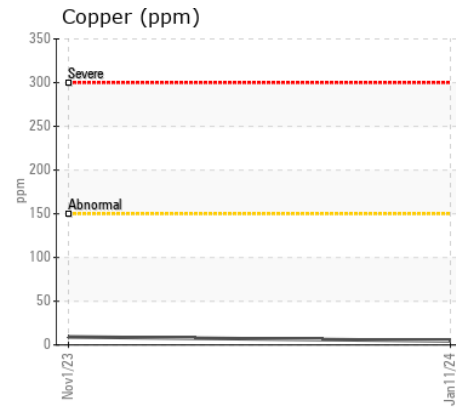
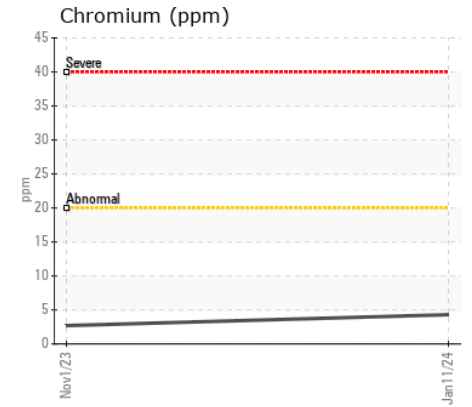
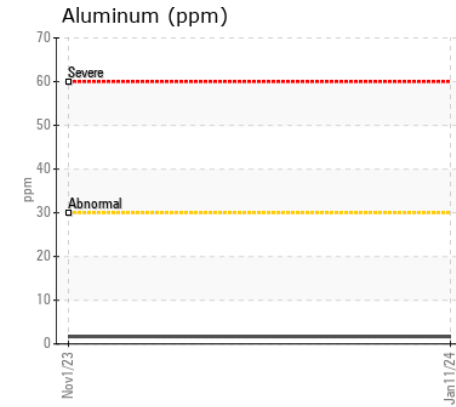
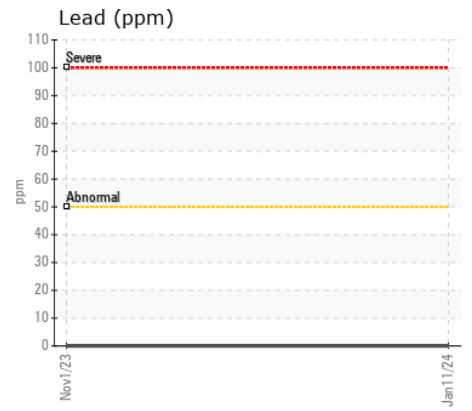
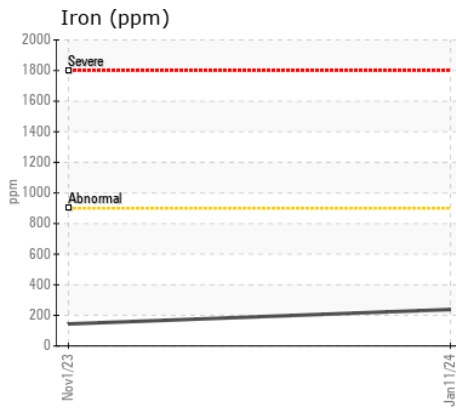
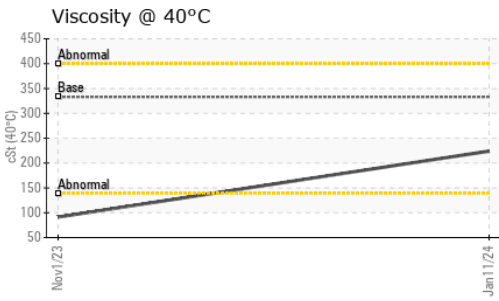
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	3	3	---
Potassium	ppm	ASTM D5185m	>20	3	6	---
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		0	0	---
Boron	ppm	ASTM D5185m	111	220	279	---
Barium	ppm	ASTM D5185m	0.0	4	9	---
Molybdenum	ppm	ASTM D5185m	0.9	7	5	---
Manganese	ppm	ASTM D5185m	0.0	8	6	---
Magnesium	ppm	ASTM D5185m	39	<1	2	---
Calcium	ppm	ASTM D5185m	93	188	718	---
Phosphorus	ppm	ASTM D5185m	920	1058	1298	---
Zinc	ppm	ASTM D5185m	104	60	329	---
Sulfur	ppm	ASTM D5185m	20179	29441	21723	---
Visc @ 40°C	cSt	ASTM D445	333	224	91.3	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP417488 **Received** : 18 Jan 2024
Lab Number : 06064613 **Diagnosed** : 19 Jan 2024
Unique Number : 10835995 **Diagnostician** : Wes Davis
Test Package : MOB 1

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

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: