



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**VOLVO A30G 752334**  
Component  
**Front Axle**  
Fluid  
**VOLVO SUPER GEAR OIL 75W-80-GO102 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>ML0001033</b>	VCP398423	VCP377356
Sample Date		Client Info		<b>21 May 2024</b>	03 Feb 2023	03 Jun 2022
Machine Age	hrs	Client Info		<b>3701</b>	1593	1023
Oil Age	hrs	Client Info		<b>2000</b>	0	0
Filter Age	hrs	Client Info		<b>2000</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>Changed</b>	Not Changd	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>900	<b>313</b>	149	273
Chromium	ppm	ASTM D5185m	>20	<b>4</b>	3	6
Nickel	ppm	ASTM D5185m	>10	<b>4</b>	2	3
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>30	<b>7</b>	0	<1
Lead	ppm	ASTM D5185m	>50	<b>0</b>	<1	0
Copper	ppm	ASTM D5185m	>150	<b>32</b>	16	14
Tin	ppm	ASTM D5185m	>20	<b>2</b>	<1	1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>MODER</b>	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

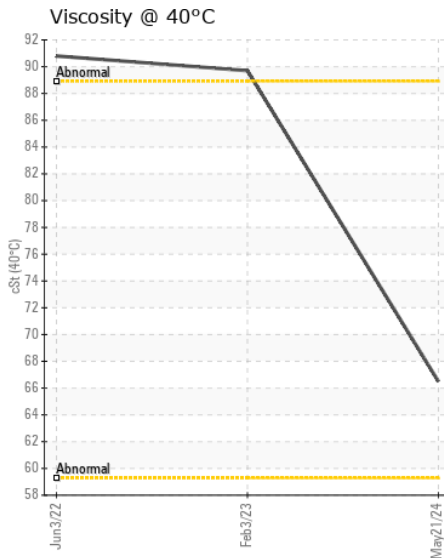
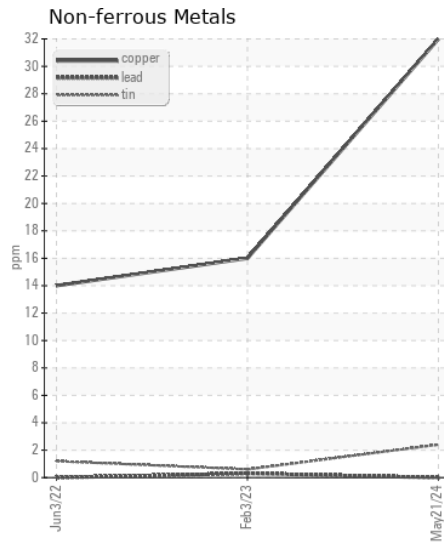
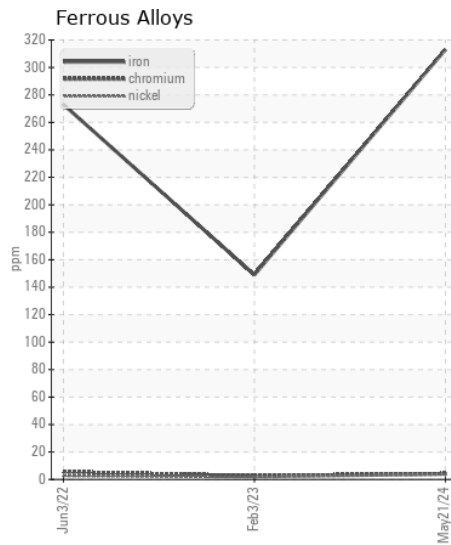
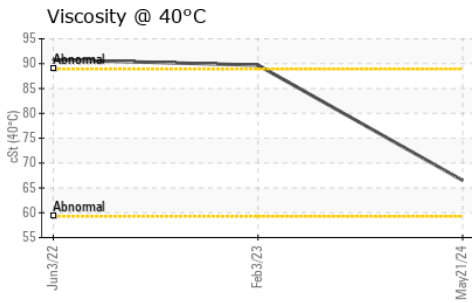
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	<b>8</b>	3	5
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	<1	<1
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>MODER</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>2</b>	<1	<1
Boron	ppm	ASTM D5185m		<b>235</b>	239	264
Barium	ppm	ASTM D5185m		<b>4</b>	2	3
Molybdenum	ppm	ASTM D5185m		<b>8</b>	7	14
Manganese	ppm	ASTM D5185m		<b>10</b>	6	11
Magnesium	ppm	ASTM D5185m		<b>8</b>	5	6
Calcium	ppm	ASTM D5185m		<b>831</b>	783	786
Phosphorus	ppm	ASTM D5185m		<b>1167</b>	1239	1231
Zinc	ppm	ASTM D5185m		<b>348</b>	325	324
Sulfur	ppm	ASTM D5185m		<b>17741</b>	22753	18208
Visc @ 40°C	cSt	ASTM D445		<b>66.5</b>	89.7	90.8



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ML0001033  
**Lab Number** : 06190821  
**Unique Number** : 11047573  
**Test Package** : CONST

**Received** : 24 May 2024  
**Tested** : 29 May 2024  
**Diagnosed** : 29 May 2024 - Sean Felton

**MCCLUNG-LOGAN EQUIPMENT CO - MANASSAS**  
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 US 20110

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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)

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