



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
VOLVO A30G 340455
Component
Drop Box
Fluid
GEAR OIL SAE 75W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ML0001769	VCP409435	VCP336446
Sample Date		Client Info		22 May 2024	30 Nov 2023	19 Oct 2021
Machine Age	hrs	Client Info		5148	4717	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Chngd	N/A	N/A
Filter Changed		Client Info		Not Chngd	N/A	Not Chngd
Sample Status				NORMAL	SEVERE	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	90	▲ 3910	110
Chromium	ppm	ASTM D5185m	>20	1	▲ 32	2
Nickel	ppm	ASTM D5185m	>10	0	5	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	0	<1
Aluminum	ppm	ASTM D5185m	>30	<1	6	24
Lead	ppm	ASTM D5185m	>30	<1	0	1
Copper	ppm	ASTM D5185m	>30	2	5	3
Tin	ppm	ASTM D5185m	>20	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

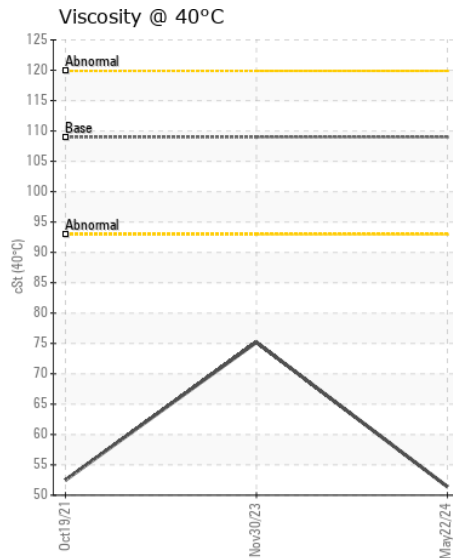
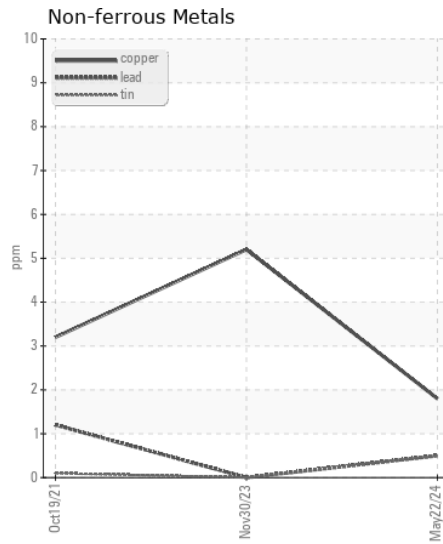
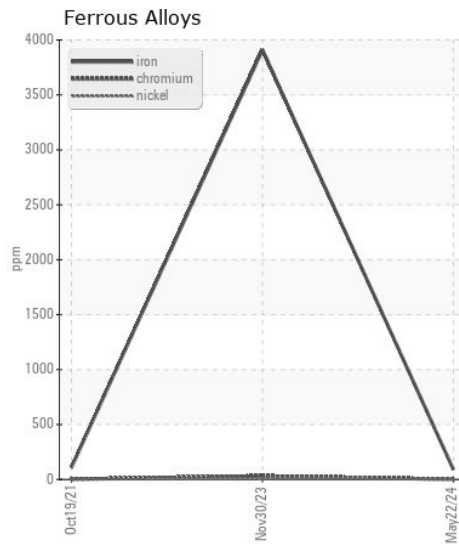
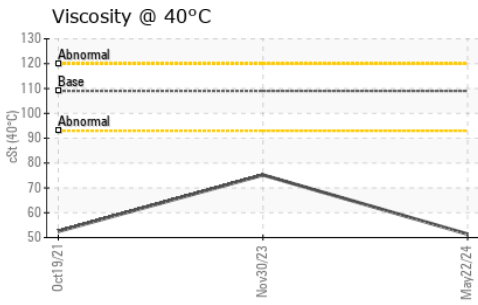
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	20	28	26
Potassium	ppm	ASTM D5185m	>20	1	0	1
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	LIGHT	NONE	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	0.2%	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		2	1	7
Boron	ppm	ASTM D5185m	400	249	117	120
Barium	ppm	ASTM D5185m	200	<1	0	<1
Molybdenum	ppm	ASTM D5185m	12	4	6	5
Manganese	ppm	ASTM D5185m		2	44	4
Magnesium	ppm	ASTM D5185m	12	1	<1	37
Calcium	ppm	ASTM D5185m	150	87	94	163
Phosphorus	ppm	ASTM D5185m	1650	2357	1428	2047
Zinc	ppm	ASTM D5185m	125	38	36	84
Sulfur	ppm	ASTM D5185m	22500	29378	21279	24445
Visc @ 40°C	cSt	ASTM D445	109	51.4	75.2	52.5



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ML0001769
Lab Number : 06194460
Unique Number : 11056583
Test Package : CONST

Received : 29 May 2024
Tested : 31 May 2024
Diagnosed : 31 May 2024 - Sean Felton

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
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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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