



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[WASTE MANAGEMENT]

Machine Id
VOLVO A30G 742522

Component
Bogie/Center Axle

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		ML0001964	VCP397819	---
Sample Date		Client Info		26 Jun 2024	17 May 2023	---
Machine Age	hrs	Client Info		4027	3103	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		Not Changd	Not Changd	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>900	270	464	---
Chromium	ppm	ASTM D5185m	>20	5	10	---
Nickel	ppm	ASTM D5185m	>10	2	4	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>30	<1	<1	---
Lead	ppm	ASTM D5185m	>50	<1	0	---
Copper	ppm	ASTM D5185m	>150	5	19	---
Tin	ppm	ASTM D5185m	>20	<1	<1	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

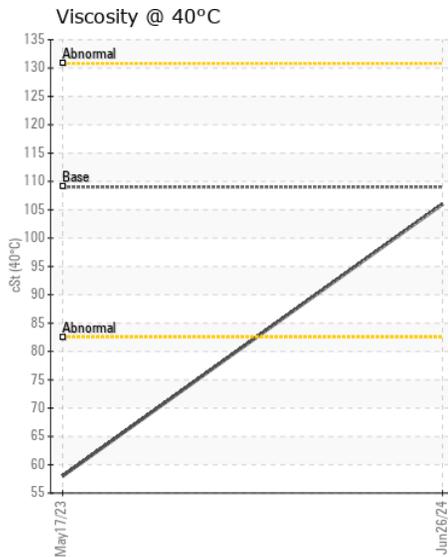
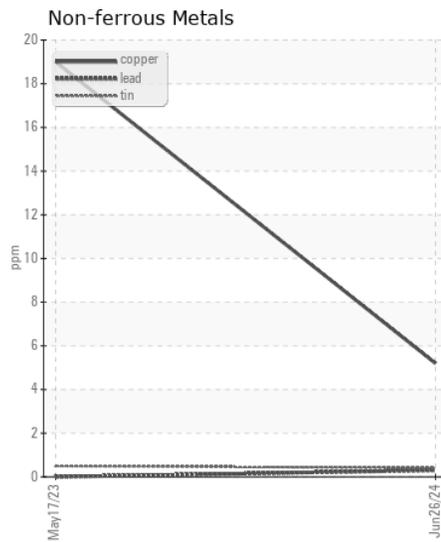
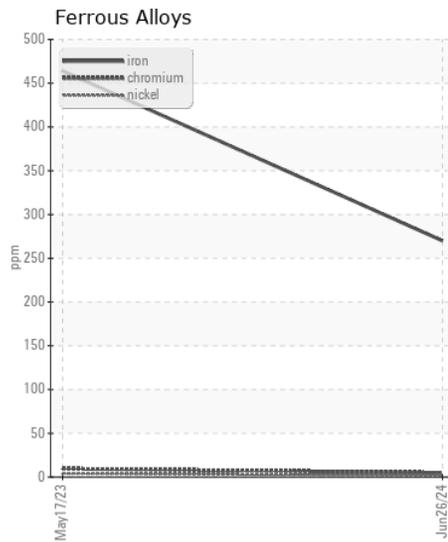
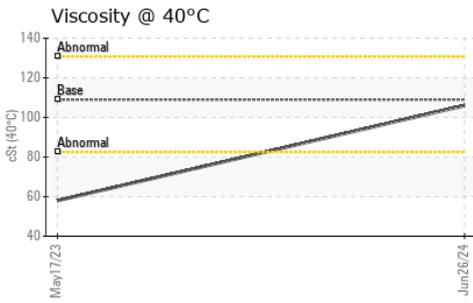
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	4	4	---
Potassium	ppm	ASTM D5185m	>20	2	3	---
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		<1	4	---
Boron	ppm	ASTM D5185m	400	53	213	---
Barium	ppm	ASTM D5185m	200	0	0	---
Molybdenum	ppm	ASTM D5185m	12	2	7	---
Manganese	ppm	ASTM D5185m		8	21	---
Magnesium	ppm	ASTM D5185m	12	0	0	---
Calcium	ppm	ASTM D5185m	150	28	40	---
Phosphorus	ppm	ASTM D5185m	1650	651	1445	---
Zinc	ppm	ASTM D5185m	125	22	11	---
Sulfur	ppm	ASTM D5185m	22500	30545	29409	---
Visc @ 40°C	cSt	ASTM D445	109	106	58.0	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ML0001964
Lab Number : 06224124
Unique Number : 11102321
Test Package : CONST

Received : 28 Jun 2024
Tested : 01 Jul 2024
Diagnosed : 01 Jul 2024 - Angela Borella

MCCLUNG-LOGAN EQUIPMENT CO - WINCHESTER
 160 KENTMERE COURT
 WINCHESTER, VA
 US 22603

Contact: James Trumble
 jtrumble@mcclung-logan.com

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:
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