



OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
VOLVO A30G 752446
 Component
Transmission (Auto)
 Fluid
VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		ML0001502	---	---
Sample Date	Client Info		09 Apr 2024	---	---
Machine Age	hrs	Client Info	4327	---	---
Oil Age	hrs	Client Info	2000	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	12	---	---
Chromium	ppm	ASTM D5185m >5	<1	---	---
Nickel	ppm	ASTM D5185m >5	<1	---	---
Titanium	ppm	ASTM D5185m	<1	---	---
Silver	ppm	ASTM D5185m >5	<1	---	---
Aluminum	ppm	ASTM D5185m >50	9	---	---
Lead	ppm	ASTM D5185m >50	2	---	---
Copper	ppm	ASTM D5185m >225	9	---	---
Tin	ppm	ASTM D5185m >10	0	---	---
Vanadium	ppm	ASTM D5185m	<1	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 187	104	---	---
Barium	ppm	ASTM D5185m 0.0	4	---	---
Molybdenum	ppm	ASTM D5185m 0.0	<1	---	---
Manganese	ppm	ASTM D5185m 0.0	<1	---	---
Magnesium	ppm	ASTM D5185m 6.8	10	---	---
Calcium	ppm	ASTM D5185m 215	149	---	---
Phosphorus	ppm	ASTM D5185m 445	275	---	---
Zinc	ppm	ASTM D5185m 56	22	---	---
Sulfur	ppm	ASTM D5185m 1336	1935	---	---

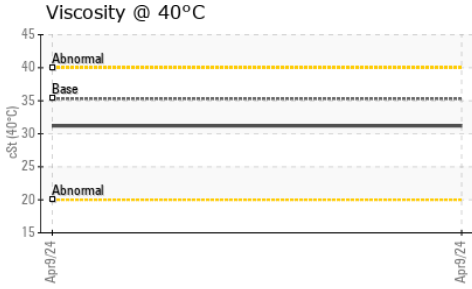
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	6	---	---
Sodium	ppm	ASTM D5185m	9	---	---
Potassium	ppm	ASTM D5185m >20	1	---	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	---	---
Yellow Metal	scalar	*Visual NONE	NONE	---	---
Precipitate	scalar	*Visual NONE	NONE	---	---
Silt	scalar	*Visual NONE	NONE	---	---
Debris	scalar	*Visual NONE	NONE	---	---
Sand/Dirt	scalar	*Visual NONE	NONE	---	---
Appearance	scalar	*Visual NORML	NORML	---	---
Odor	scalar	*Visual NORML	NORML	---	---
Emulsified Water	scalar	*Visual >0.1	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---

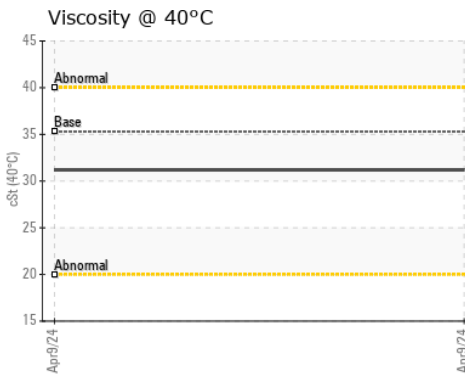
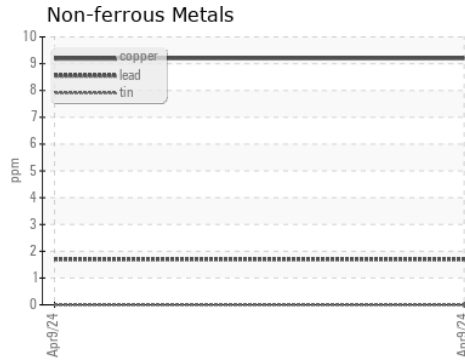
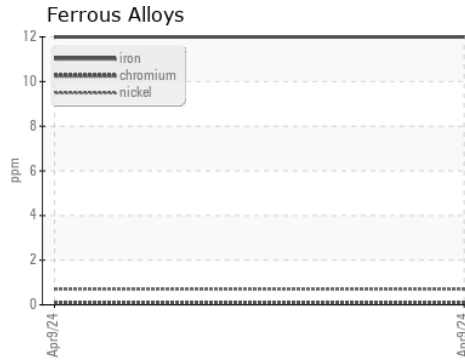
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	35.3	31.2	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ML0001502
Lab Number : 06150787
Unique Number : 10980865
Test Package : CONST

Received : 16 Apr 2024
Tested : 17 Apr 2024
Diagnosed : 18 Apr 2024 - Don Baldrige

McCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: Alex Anderson
 aanderson@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)

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