

## **OIL ANALYSIS REPORT**

Sample Rating Trend





Machine Id VOLVO L70H 625149 Component

**Transmission (Auto)** 

Fluid VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)

DIAGNOSIS	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Recommendation Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.	Sample Number		Client Info		ML0001811		
	Sample Date		Client Info		15 May 2024		
	Machine Age	hrs	Client Info		2581		
	U	hrs	Client Info		2581		
Wear	Oil Changed		Client Info		Changed		
Gear wear is indicated.	Sample Status				ABNORMAL		
<b>Contamination</b> There is no indication of any contamination in the fluid.	CONTAMINATION		method	limit/base	current	history1	history2
	Water		WC Method	>0.1	NEG		
Fluid Condition of the fluid is acceptable for the time in service.	WEAR METALS		method	limit/base	current	history1	history2
	Iron	ppm	ASTM D5185m	>160	<b>A</b> 236		
	Chromium	ppm	ASTM D5185m	>5	1		
	Nickel	ppm	ASTM D5185m	>5	1		
	Titanium	ppm	ASTM D5185m		<1		
		ppm	ASTM D5185m	>5	<1		
	Aluminum	ppm	ASTM D5185m	>50	2		
	Lead	ppm	ASTM D5185m	>50	<1		
	Copper	ppm	ASTM D5185m	>225	12		
		ppm	ASTM D5185m	>10	1		
	Vanadium	ppm	ASTM D5185m		<1		
	Cadmium	ppm	ASTM D5185m		<1		
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m	187	75		
	Barium	ppm	ASTM D5185m	0.0	0		
	Molybdenum	ppm	ASTM D5185m	0.0	6		
	Manganese	ppm	ASTM D5185m	0.0	8		
	Magnesium	ppm	ASTM D5185m	6.8	13		
	Calcium	ppm	ASTM D5185m	215	188		
	Phosphorus	ppm	ASTM D5185m	445	248		
	Zinc	ppm	ASTM D5185m	56	97		
	Sulfur	ppm	ASTM D5185m	1336	2107		
	CONTAMINANTS		method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>20	13		
	Sodium	ppm	ASTM D5185m		3		
	Potassium	ppm	ASTM D5185m	>20	3		
	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		
	Erec Weter	a a a l a v	*) /! 1		NEO		

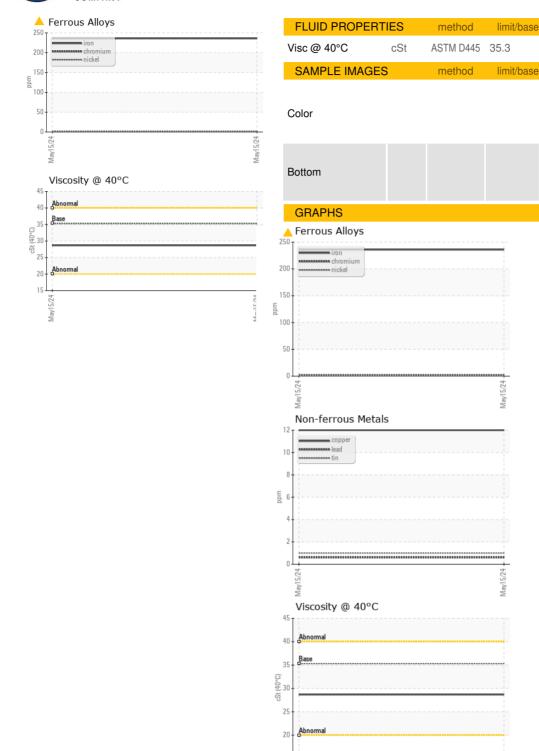
scalar \*Visual

Free Water

NEG



## **OIL ANALYSIS REPORT**



15

Laboratory

Sample No.

Mav15/24

: ML0001811

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND 1345 MOUNTAIN ROAD GLEN ALLEN, VA ter US 23060 Contact: Alex Anderson aanderson@mcclung-logan.com T: CGM 106:2012) F: (804)266-1611

history1

history1

no image

no image

current

current

no image

no image

28.68

history2

history2

no image

no image



 Lab Number
 : 06184807
 Tested
 : 29 May 2024

 Unique Number
 : 11036133
 Diagnosed
 : 29 May 2024 - Jonathan Hester

 Certificate 12367
 Test Package
 : CONST
 Cont

 To discuss this sample report, contact Customer Service at 1-800-237-1369.
 aanderson@

 \* - 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)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received

May15/24

: 20 May 2024

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Submitted By: Service - Alex Anderson Page 2 of 2