

OIL ANALYSIS REPORT

Sample Rating Trend





Machine Id VOLVO L60H 622454 Component Front Axle

Fluid VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102 (6 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 oil.

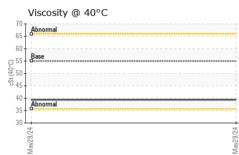
Fluid Condition

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

SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		ML0002187		
Sample Date		Client Info		29 May 2024		
Machine Age	hrs	Client Info		1268		
Oil Age	hrs	Client Info		1268		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	١	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	72		
Chromium	ppm	ASTM D5185m	>20	4		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>30	<1		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>120	1		
Tin	ppm	ASTM D5185m	>20	0		
Vanadium	ppm	ASTM D5185m	0	0		
Cadmium	ppm	ASTM D5185m		۰ <1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		161		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		6		
Manganese	ppm	ASTM D5185m		10		
Magnesium	ppm	ASTM D5185m		15		
Calcium	ppm	ASTM D5185m		3994		
Phosphorus	ppm	ASTM D5185m		1347		
Zinc	ppm	ASTM D5185m		1616		
Sulfur	ppm	ASTM D5185m		4305		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon		ASTM D5185m	>50	13		
	ppm		>00	-		
Sodium Potassium	ppm ppm	ASTM D5185m ASTM D5185m	>20	10 0		
VISUAL	PP	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	MODER		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
				NORML		
Appearance	scalar	*Visual	NORML			
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Free Water 5:03:57) Rev: 1	scalar	*Visual		NEG	Submitted By	: Emylio Pineda



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FLUID PROPERTIES	method	limit/base	current	history1	history
Visc @ 40°C cSt	ASTM D445	55	39.4		
SAMPLE IMAGES	method	limit/base	current	history1	history
Color			no image	no image	no imag
			no inago		no inag
Bottom			no image	no image	no imag
GRAPHS					
Ferrous Alloys					
70 - chromium 60 - nickel					
50 -					
틆 40					
30 -					
20					
0	*****				
May29/24		May29/24			
≥ Non-ferrous Metals		2			
10 9 copper					
8 - exercise lead					
7					
E 5 -					
3-					
2					
		*			
May29/24		May29/24			
Viscosity @ 40°C		~			
70 65					
60 -					
S5 Base					
20-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-					
45					
40					
30					
May29/24		May29/24			
Νš		Ma			
	eived : 07	' Jun 2024		G-LOGAN EQUIPMEN 1 WASHINGTON	
: 06203056 Test) Jun 2024	Deldidee	BA	



 Unique Number
 : 11070517
 Diagnosed
 : 10 Jun 2024 - Don Baldridge

 Certificate 12367
 Test Package
 : CONST

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

 * - 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)

01 WASHINGTON BOULEVARD BALTIMORE, MD US 21227 Contact: Emylio Pineda epineda@mcclung-logan.com T: 06:2012) F: (410)242-7835

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Submitted By: Emylio Pineda