

# **OIL ANALYSIS REPORT**

Sample Rating Trend





[W02008305] Wachine Id VOLVO A30G 752451 Drop Box

Fluid {not provided} (3 GAL)

### DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. (Customer Sample Comment: W02008305)

Area

## Wear

All component wear rates are normal.

## Contamination

There is no indication of any contamination in the oil.

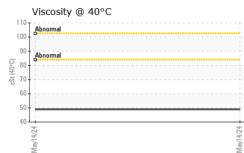
#### Fluid Condition

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

SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		ML0001122		
Sample Date		Client Info		14 May 2024		
Machine Age	hrs	Client Info		2708		
Oil Age	hrs	Client Info		2000		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water	1	WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	nnm	ASTM D5185m	>500	62		
Chromium	ppm	ASTM D5185m	>20	1		
Nickel	ppm	ASTM D5185m	>20	_		
	ppm		>10	<1 <1		
Titanium Silver	ppm	ASTM D5185m ASTM D5185m				
	ppm		. 20	<1		
Aluminum	ppm	ASTM D5185m		9		
Lead	ppm	ASTM D5185m	>30	<1		
Copper	ppm	ASTM D5185m		2		
Tin	ppm	ASTM D5185m	>20	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		195		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		7		
Manganese	ppm	ASTM D5185m		2		
Magnesium	ppm	ASTM D5185m		4		
Calcium	ppm	ASTM D5185m		60		
Phosphorus	ppm	ASTM D5185m		2652		
Zinc	ppm	ASTM D5185m		45		
Sulfur	ppm	ASTM D5185m		34924		
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	30		
Sodium	ppm	ASTM D5185m		2		
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	>0.2	NEG		
Free Water	scalar	*Visual		NEG		
41.29) Rev: 1					ubmitted By: DA	



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	FLUID PROPER	TIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt A	STM D445		48.9		
	SAMPLE IMAGE	S	method	limit/base	current	history1	history2
24	Color				no image	no image	no image
May14/24	Bottom				no image	no image	no image
	GRAPHS Ferrous Alloys	ıls		May14/24			
	Viscosity @ 40°C			May14/24 May14/24			
aboratory ample No. ab Number nique Number est Package		01 Madison A Receive Tested Diagnos	d :16 :17	NC 27513 May 2024 May 2024 May 2024 - Se	ean Felton	C Contact: SERVI	LLIAM HAZEL PO BOX 600 HANTILLY, VA US 20153 CE MANAGER

Test Package : CONST 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)

Certificate 12367

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