

# **OIL ANALYSIS REPORT**

Sample Rating Trend





[W02008356] Wachine Id VOLVO A30G 742230 Component Drop Box

## Fluid GEAR OIL SAE 80W140 (3 GAL)

#### DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. ( Customer Sample Comment: W02008356 )  $% \left( {\left( {{{\rm{N}}} \right)_{\rm{A}}} \right)_{\rm{A}}} \right)$ 

Area

### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

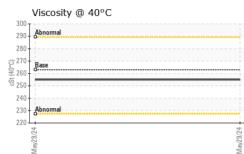
### **Fluid Condition**

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

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		ML0002439		
Sample Date		Client Info		29 May 2024		
Machine Age	hrs	Client Info		6879		
Oil Age	hrs	Client Info		2000		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	J	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	55		
Chromium	ppm	ASTM D5185m	>20	1		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>30	7		
Lead	ppm	ASTM D5185m	>30	<1		
Copper	ppm	ASTM D5185m	>30	<1		
Tin	ppm	ASTM D5185m	>20	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	400	187		
Barium	ppm	ASTM D5185m	200	0		
Molybdenum	ppm	ASTM D5185m	12	11		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m	12	10		
Calcium	ppm	ASTM D5185m	150	35		
Phosphorus	ppm	ASTM D5185m	1650	1063		
Zinc	ppm	ASTM D5185m	125	44		
Sulfur	ppm	ASTM D5185m	22500	32487		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	18		
Sodium	ppm	ASTM D5185m		1		
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		
				NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar scalar	*Visual	NONE	NONE		
Silt Debris	scalar scalar scalar	*Visual *Visual	NONE NONE	NONE		
·	scalar scalar	*Visual	NONE	NONE		
Silt Debris	scalar scalar scalar	*Visual *Visual	NONE NONE	NONE		
Silt Debris Sand/Dirt	scalar scalar scalar scalar	*Visual *Visual *Visual	NONE NONE	NONE NONE NONE		
Silt Debris Sand/Dirt Appearance	scalar scalar scalar scalar scalar	*Visual *Visual *Visual *Visual	NONE NONE NORML	NONE NONE NONE NORML	  	



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FLUID P	ROPERTIES	method	limit/base	current	history1	history2
Visc @ 40	°C cSt	ASTM D445	263	255		
SAMPLE	E IMAGES	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPH	S				1	
Ferrous A	Alloys					
	iromium ockel					
0 Hard May2924 Non-ferr	ous Metals		May29/24			
	ad					
변 5 - 4 - 3 - 2 -						
May29/24			May29/24			
Viscosity 290 Abnormal	@ 40°C					
280 270 () 270 Base () 260						
250 - 240 - 230 - <mark>Abnormal</mark>						
220 + +2/67/neW			May29/24 -			
<ul> <li>WearCheck</li> <li>ML0002439</li> <li>ML0002439</li> <li>106198377</li> <li>11060500</li> <li>CONST</li> </ul>	Test	eived : 03 ted : 04	, NC 27513 Jun 2024 Jun 2024 Jun 2024 - Se	ean Felton		ILLIAM HAZE PO BOX 60 HANTILLY, V US 2015



 Unique Number
 : 11060500
 Diagnosed
 : 05 Jun 2024 - Sean Felton

 Certificate 12367
 Test Package
 : CONST
 Contact

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

 \* - 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)

Contact: SERVICE MANAGER jimmy\_elswick@wahazel.com T: (703)378-8300 6:2012) F:

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