

OIL ANALYSIS REPORT

Sample Rating Trend





[W02008305] VOLVO A30G 752451

Component Hydraulic System Fluid {not provided} (50 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: W02008305)

Area

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	NATION	method	limit/base	current	history1	history2
Sample Number		Client Info		ML0000979		
Sample Date		Client Info		14 May 2024		
Machine Age	hrs	Client Info		2708		
Oil Age	hrs	Client Info		2708		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	3		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>20	1		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>150	2		
Tin	ppm	ASTM D5185m	>20	0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		51		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		2		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		23		
Calcium	ppm	ASTM D5185m		1677		
Phosphorus	ppm	ASTM D5185m		680		
Zinc	ppm	ASTM D5185m		841		
Sulfur	ppm	ASTM D5185m		5199		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	8		
Sodium	ppm	ASTM D5185m		3		
Potassium	ppm	ASTM D5185m		0		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		1124		
Particles >6µm		ASTM D7647	>5000	48		
Particles >14µm		ASTM D7647	>160	4		
Particles >21µm		ASTM D7647	>40	1		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>/19/14	17/13/9		
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.63		
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Submitted By: DARRELL ANDES Page 1 of 2



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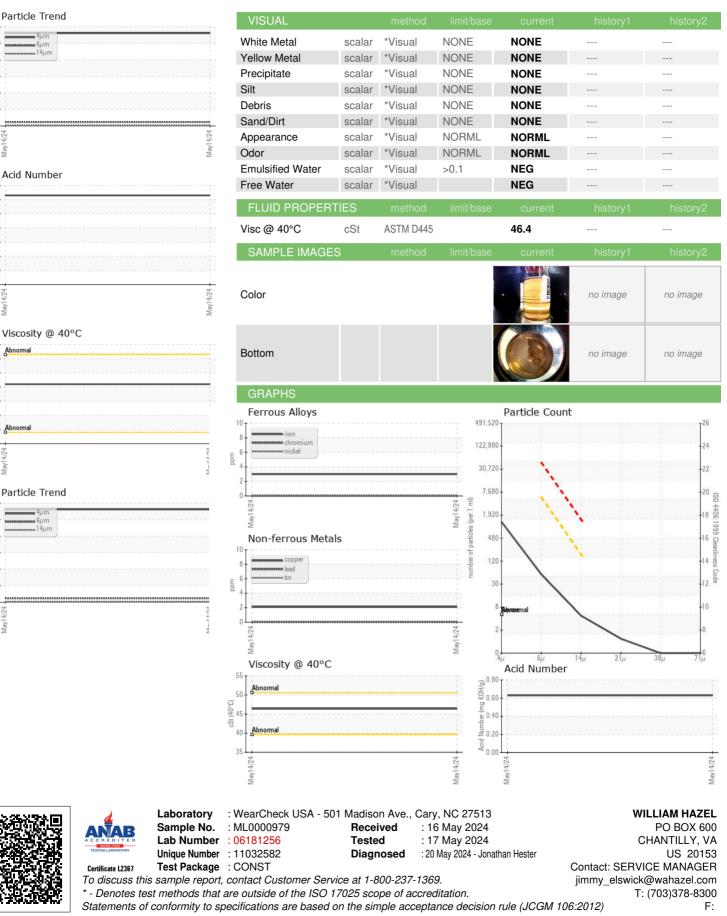
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Submitted By: DARRELL ANDES

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