

OIL ANALYSIS REPORT

Jai









VOLVO A45G 752009

Component

Bogie/Center Axle

Fluid

GEAR OIL SAE 75W90 (--- 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.

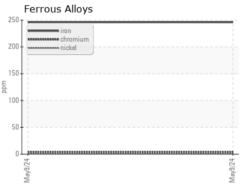
(GAL)				May2024		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		ML0000242		
Sample Date		Client Info		09 May 2024		
Machine Age	hrs	Client Info		1017		
Dil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>900	246		
Chromium	ppm	ASTM D5185m	>20	4		
Nickel	ppm	ASTM D5185m	>10	1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>30	2		
_ead	ppm	ASTM D5185m	>50	 <1		
Copper	ppm	ASTM D5185m	>150	3		
in	ppm	ASTM D5185m	>20	<1		
/anadium	ppm	ASTM D5185m	> = 0	<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES	ррпп	method	limit/base	current	history1	history2
					,	,
Boron	ppm	ASTM D5185m	400	315		
Barium	ppm	ASTM D5185m		2		
Molybdenum	ppm	ASTM D5185m	12	13		
Manganese	ppm	ASTM D5185m		13		
Magnesium	ppm	ASTM D5185m	12	<1		
Calcium	ppm	ASTM D5185m	150	123		
Phosphorus	ppm	ASTM D5185m	1650	1592		
Zinc	ppm	ASTM D5185m	125	59		
Sulfur	ppm	ASTM D5185m	22500	30180		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	5		
Sodium	ppm	ASTM D5185m		0		
otassium	ppm	ASTM D5185m	>20	6		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
ellow 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		

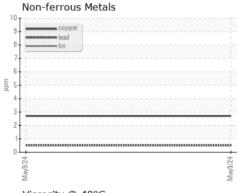


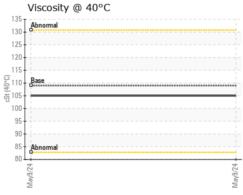
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Certificate 12367

Laboratory

Sample No. : ML0000242 Lab Number : 06181783 Unique Number : 11033109

Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 16 May 2024

Tested : 17 May 2024 Diagnosed

: 20 May 2024 - Sean Felton

MCCLUNG-LOGAN EQUIPMENT CO - BRIDGEVILLE 17941 SUSSEX HIGHWAY

BRIDGEVILLE, DE US 19933

Contact: MATT CLARK MCLARK@mcclung-logan.com

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.

T: (302)337-3400 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (302)337-9083 Contact/Location: MATT CLARK - VOLVO1023