

OIL ANALYSIS REPORT









Machine Id **VOLVO A30G HDTR0824**

Component Rear Left Planetary

Fluid
GEAR OIL SAE 80W90

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

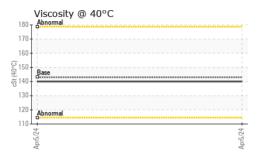
Fluid Condition

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

(GAL)						
,				Apr2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0902331		
Sample Date		Client Info		05 Apr 2024		
Machine Age	hrs	Client Info		26244		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Vater		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)	>500	94		
Chromium	ppm	ASTM D5185(m)	>10	<1		
lickel	ppm	ASTM D5185(m)	>10	<1		
itanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
luminum	ppm	ASTM D5185(m)	>25	<1		
ead	ppm	ASTM D5185(m)	>25	0		
Copper	ppm	ASTM D5185(m)	>75	2		
in	ppm	ASTM D5185(m)	>10	0		
Antimony	ppm	ASTM D5185(m)	>5	0		
/anadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	400	26		
Barium	ppm	ASTM D5185(m)	200	0		
Nolybdenum	ppm	ASTM D5185(m)	12	0		
Manganese	ppm	ASTM D5185(m)		1		
/lagnesium	ppm	ASTM D5185(m)	12	6		
Calcium	ppm	ASTM D5185(m)	150	88		
Phosphorus	ppm	ASTM D5185(m)	1650	459		
Zinc	ppm	ASTM D5185(m)	125	42		
Sulfur	ppm	ASTM D5185(m)	22500	16582		
ithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS	<u> </u>	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	5		
Sodium	ppm	ASTM D5185(m)	>170	<1		
Potassium	ppm	ASTM D5185(m)	>20	<1		



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VISUAL	method	limit/base	current	history1	history2
White Metal so	alar Visual*	NONE	NONE		
Yellow Metal so	alar Visual*	NONE	NONE		
Precipitate so	alar Visual*	NONE	NONE		
Silt	alar Visual*	NONE	NONE		
Debris so	alar Visual*	NONE	NONE		
Sand/Dirt so	calar Visual*	NONE	NONE		
Appearance so	alar Visual*	NORML	NORML		
Odor so	alar Visual*	NORML	NORML		
Emulsified Water so	alar Visual*	>0.2	NEG		
Free Water so	alar Visual*		NEG		
FLUID PROPERTIES	S method	limit/base	current	history1	history2
Visc @ 40°C cS	St ASTM D7279(I	m) 143	140		
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image
GRAPHS					
Iron (ppm)			Lead (ppm)		
Severe			Severe		
Abnormal		E 10	Abnormal		
0			0 4	***************************************	4
Apr5/24		Apr5/24	Apr5/24		Apr5/24
Aluminum (ppm)			Chromium (p	pm)	
100 Severe		3	0		
E ro .		<u></u>	Abnormal		
Abnormal	***************************************		0		
Apr5/24 -		Apr5/24 -	Apr5/24		Apr5/24 -
Copper (ppm)			Silicon (ppm)		
Severe		30	O T Smare		
Abnormal		<u>و</u> 20	0 - Abnormal		1
0			0 1		
Apr5/24		Apr5/24	Apr5/24		Apr5/24
Viscosity @ 40°C			Additives		
Abnormal		60	C		
Abnormal Abnormal		돌 ⁴⁰ 20	name phosphoru	IS	
Abnormal		70	U T ************ 7 11 C		
100		Apr5/24	0		



CALA ISO 17025:2017 Accredited Laboratory

Laboratory

Sample No. : WC0902331 Lab Number : 02628563 Unique Number : 5761695

Test Package : MOB 1

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received

: 12 Apr 2024 **Tested** : 12 Apr 2024 : 12 Apr 2024 - Wes Davis Diagnosed

1350 Government Rd. W, MACASSA COMPLEX Kirkland Lake, ON

Agnico Eagle Canada

CA P2N 3J1 Contact: Mitch Lamontagne AEM_KL_macassaoilsampleresults@agnicoeagle.com

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

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