

OIL ANALYSIS REPORT

Sample Rating Trend





W02008273] VOLVO L70H 622433 Rear Axle

Fluid TRANSAXLE OIL SAE 75W80 (8 GAL)

DIAGNOSIS
Recommendation

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. (Customer Sample Comment: W02008273)

Area

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

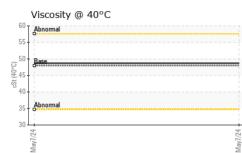
The condition of the oil is acceptable for the time in service.

SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		ML0000994		
Sample Date		Client Info		07 May 2024		
Machine Age	hrs	Client Info		11739		
Oil Age	hrs	Client Info		2000		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	N	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	84		
Chromium	ppm	ASTM D5185m	>20	2		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>30	2		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>120	11		
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	160	142		
Barium	ppm	ASTM D5185m	10	0		
Molybdenum	ppm	ASTM D5185m	25	2		
Manganese	ppm	ASTM D5185m		3		
Magnesium	ppm	ASTM D5185m	12	16		
Calcium	ppm	ASTM D5185m	3750	3535		
Phosphorus	ppm	ASTM D5185m	1200	1213		
Zinc	ppm	ASTM D5185m	1500	1407		
Sulfur	ppm	ASTM D5185m	6000	8462		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm		>50	16		
Sodium	ppm	ASTM D5185m		<1		
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	LIGHT		
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		
3:46:52) Rev: 1	ooului				ubmitted By: DA	BRELL ANDES

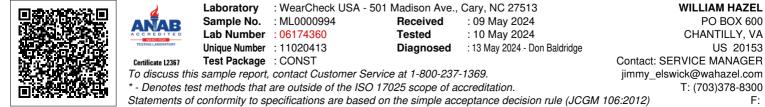
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FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	48	48.7		
SAMPLE IMAG	ES	method	limit/base	current	history1	history2
			[
Color				no image	no image	no image
Dettem				na imaga	no imo no	no imago
Bottom				no image	no image	no image
GRAPHS						
Ferrous Alloys						
10 10 iron						
70						
60						
50						
80						
20						
			4			
May7/24			May7/24			
Non-ferrous Me	tals					
111 10 copper						
9 - management lead						
7-						
6						
4						
2						
0			24			
May7/24			May7/24			
Viscosity @ 40°	С					
Abnormal						
55 -						
Base						
45 -						
40						
35 - Abnormal			-			
30			24			
May7/24			May7/24			
VearCheck USA -					W	
/L0000994)6174360	Rece Test		9 May 2024 9 May 2024		C	PO BOX 600 HANTILLY, V



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