

OIL ANALYSIS REPORT

Sample Rating Trend





Machine Id VOLVO L120H 633191 Componen Transmission (Auto)

Fluid DEXRON III (--- GAL)

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

SAMPLE INFORMATION method imili/base current history1 history2 Sample Number Client Info 10 Jun 2024 Sample Date Client Info 762 Oll Age hrs Client Info 762 Oll Age hrs Client Info Not Changd Oll Age hrs Client Info Not Changd CONTAMINATION method Imil/base current history1 history2 Water WC Method >0.1 NEG WEAR METALS method limil/base current history1 history2 Iron ppm ASTM DS186(m) >50 Nickel ppm ASTM DS186(m) >50 1 Silver ppm ASTM DS186(m) >50 1 Auminum <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>							
Sample Date Client Info 10 Jun 2024 Machine Age hrs Client Info 7627 Oil Age hrs Client Info 0 Oil Changed Client Info Not Changd Sample Status Imit/base current history1 history2 Water WC Method >0.1 NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >50 0 Nickel ppm ASTM D5185(m) >50 0 Nickel ppm ASTM D5185(m) >50 10 Aluminum ppm ASTM D5185(m) >50 10 Copper ppm ASTM D5185(m) 0 Copper ppm	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 7627 Oil Age hrs Client Info 0 Oil Changed Client Info Not Changd Sample Status Image Not Changd CONTAMINATION method imit/base current history1 history2 Water WC Method >0.1 NEG WEAR METALS method imit/base current history1 history2 Iron ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 0 Silver ppm ASTM D5185(m) >50 10 Lead ppm ASTM D5185(m) >50 10 Copper ppm ASTM D5185(m) >50 10 Vanadium	Sample Number		Client Info		WC0896363		
Oil Age hrs Client Info 0 Oil Changed Client Info Not Changd Sample Status Image Image Current history1 history2 CONTAMINATION method imit/base current history1 history2 Water WC Method >0.1 NEG WEAR METALS method imit/base current history1 history2 Iron ppm ASTM D5155(m) >5 0 MEAR method imit/base current history1 history2 Iron ppm ASTM D5155(m) >5 0 Silver ppm ASTM D5155(m) >50 10 Lead ppm ASTM D5155(m) >50 10 Antimony ppm ASTM D5155(m) >50 11	Sample Date		Client Info		10 Jun 2024		
Oil Changed Sample Status Client Info Not Changd Sample Status method imit/base current history1 history2 Water WC Method >0.1 NEG WEAR METALS method imit/base current history1 history2 Iron ppm ASTM D5155(m) >5 0 Nickel ppm ASTM D5155(m) >5 0 Nickel ppm ASTM D5155(m) >5 0 Silver ppm ASTM D5155(m) >50 10 Lead ppm ASTM D5155(m) >225 53 Antimony ppm ASTM D5155(m) >10 0 Cadmium ppm ASTM D5155(m) 0 Cadper ppm ASTM D5155(m) 0	Machine Age	hrs	Client Info		7627		
Sample Status Imit Mode NORMAL CONTAMINATION method limit/base current history1 history2 Water WC Method >0.1 NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >160 50 Chromium ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 0 Silver ppm ASTM D5185(m) >50 10 Lead ppm ASTM D5185(m) >50 <1 Tin ppm ASTM D5185(m) >225 53 Antimony ppm ASTM D5185(m) 0 Gopper ppm ASTM D5185(m) 0	Oil Age	hrs	Client Info		0		
CONTAMINATION method limit/base current history1 history2 Water WC Method >0.1 NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >5 0 Chromium ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 0 Aluminum ppm ASTM D5185(m) >5 0 Lead ppm ASTM D5185(m) >50 10 Copper ppm ASTM D5185(m) >225 53 Antimony ppm ASTM D5185(m) 0 AstM D5185(m) 0 AstM D5185(m) 0	Oil Changed		Client Info		Not Changd		
Water WC Method >0.1 NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >160 50 Ohromium ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 0 Silver ppm ASTM D5185(m) >50 10 Lead ppm ASTM D5185(m) >50 10 Lead ppm ASTM D5185(m) >50 <1 Antimony ppm ASTM D5185(m) >0 Astm Dpm ASTM D5185(m) 0 Astm Dpm ASTM D5185(m) 0 Vanadium ppm ASTM D5185(m) <th>Sample Status</th> <th></th> <th></th> <th></th> <th>NORMAL</th> <th></th> <th></th>	Sample Status				NORMAL		
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >160 50 Chromium ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 <1 Titanium ppm ASTM D5185(m) >5 0 Aluminum ppm ASTM D5185(m) >50 10 Lead ppm ASTM D5185(m) >50 <1 Copper ppm ASTM D5185(m) >50 <1 Cada ppm ASTM D5185(m) >10 0 Vanadium ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 0	CONTAMINATIO	ON	method	limit/base	current	history1	history2
Iron ppm ASTM D5185(m) >160 50 Chromium ppm ASTM D5185(m) >5 0 Nickel ppm ASTM D5185(m) >5 <1 Titanium ppm ASTM D5185(m) >5 0 Silver ppm ASTM D5185(m) >50 10 Aluminum ppm ASTM D5185(m) >50 <1 Lead ppm ASTM D5185(m) >50 <1 Copper ppm ASTM D5185(m) >22:5 53 Antimony ppm ASTM D5185(m) 0 Vanadium ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 75 Boron ppm ASTM D5185(m) 1	Water		WC Method	>0.1	NEG		
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Titanium ppm ASTM D5185(m) O Silver ppm ASTM D5185(m) >5 0 Aluminum ppm ASTM D5185(m) >50 10 Lead ppm ASTM D5185(m) >50 <1	Chromium	ppm	ASTM D5185(m)	>5	0		
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Aluminum ppm ASTM D5185(m) >50 10 Lead ppm ASTM D5185(m) >50 <1	Titanium	ppm	ASTM D5185(m)		0		
Lead ppm ASTW D5185(m) >50 <1	Silver	ppm	ASTM D5185(m)	>5	0		
Copper ppm ASTM D5185(m) >225 53 Tin ppm ASTM D5185(m) >10 0 Antimony ppm ASTM D5185(m) 0 Vanadium 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) <1	Aluminum	ppm	ASTM D5185(m)	>50	10		
Tin ppm ASTM D5185(m) >10 0 Antimony ppm ASTM D5185(m) 0 Vanadium 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) <1	Lead	ppm	ASTM D5185(m)	>50	<1		
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Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 75 Barium ppm ASTM D5185(m) <1 Molybdenum ppm ASTM D5185(m) <1 Manganese ppm ASTM D5185(m) 16 Magnesium ppm ASTM D5185(m) 113 Calcium ppm ASTM D5185(m) 32 Magnesium ppm ASTM D5185(m) 32 Calcium ppm ASTM D5185(m) 32 Zinc ppm ASTM D5185(m) 32 Sulfur ppm ASTM D5185(m) <1641 Lithium ppm ASTM D5185(m) <20 4	Vanadium	ppm	ASTM D5185(m)		0		
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 75 Barium ppm ASTM D5185(m) <1	Beryllium	ppm	ASTM D5185(m)		0		
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Barium ppm ASTM D5185(m) <1 Molybdenum ppm ASTM D5185(m) <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185(m) <1 Manganese ppm ASTM D5185(m) 1 Magnesium ppm ASTM D5185(m) 16 Calcium ppm ASTM D5185(m) 113 Calcium ppm ASTM D5185(m) 212 Phosphorus ppm ASTM D5185(m) 32 Zinc ppm ASTM D5185(m) 1641 Sulfur ppm ASTM D5185(m) 1641 Lithium ppm ASTM D5185(m) <d1< td=""> CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 4 Sodium ppm ASTM D5185(m) 3 </d1<>	Boron	ppm	ASTM D5185(m)		75		
Manganese ppm ASTM D5185(m) 1 Magnesium ppm ASTM D5185(m) 16 Calcium ppm ASTM D5185(m) 113 Calcium ppm ASTM D5185(m) 212 Phosphorus ppm ASTM D5185(m) 32 Zinc ppm ASTM D5185(m) 1641 Sulfur ppm ASTM D5185(m) 1641 Lithium ppm ASTM D5185(m) <d1< td=""> CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 4 Sodium ppm ASTM D5185(m) 3 </d1<>	Barium	ppm	ASTM D5185(m)		<1		
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Calcium ppm ASTM D5185(m) 113 Phosphorus ppm ASTM D5185(m) 212 Zinc ppm ASTM D5185(m) 32 Sulfur ppm ASTM D5185(m) 1641 Lithium ppm ASTM D5185(m) <11	Manganese	ppm	ASTM D5185(m)		1		
Phosphorus ppm ASTM D5185(m) 212 Zinc ppm ASTM D5185(m) 32 Sulfur ppm ASTM D5185(m) 1641 Lithium ppm ASTM D5185(m) <11	Magnesium	ppm	ASTM D5185(m)		16		
Zinc ppm ASTM D5185(m) 32 Sulfur ppm ASTM D5185(m) 1641 Lithium ppm ASTM D5185(m) <11	Calcium	ppm	ASTM D5185(m)		113		
Zinc ppm ASTM D5185(m) 32 Sulfur ppm ASTM D5185(m) 1641 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 4 Sodium ppm ASTM D5185(m) >20 4	Phosphorus	ppm	ASTM D5185(m)		212		
Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 4 Sodium ppm ASTM D5185(m) >20 4	Zinc	ppm	ASTM D5185(m)		32		
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 4 Sodium ppm ASTM D5185(m) >20 4	Sulfur	ppm	ASTM D5185(m)		1641		
Silicon ppm ASTM D5185(m) >20 4 Sodium ppm ASTM D5185(m) 3	Lithium	ppm	ASTM D5185(m)		<1		
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			()	>20	•		



OIL ANALYSIS REPORT



C	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	NONE			
	Debris	scalar	Visual*	NONE	NONE			
	Sand/Dirt	scalar	Visual*	NONE	VLITE			
Jun 10/24	Appearance	scalar	Visual*	NORML	NORML			
٦	Odor	scalar	Visual*	NORML	NORML			
	Emulsified Water	scalar	Visual*	>0.1	NEG			
	Free Water	scalar	Visual*		NEG			
	FLUID PROPERT		method	limit/base	current	history1	history2	
	Visc @ 40°C	cSt	ASTM D7279(m)	26.0	27.8			
	SAMPLE IMAGES	S	method	limit/base	current	history1	history2	
	Color					no image	no image	
	Bottom					no image	no image	
	GRAPHS							
	Iron (ppm)			15	Lead (ppm)			
	200 Severe			15	Severe	Severe		
	Abnormal			¹⁰	Abnormal			
	0			+				
	Jun 10/24			Jun 10/24	Jun 10/24		Jun 10/24	
				٦٢			Ju	
	Aluminum (ppm)			1	Chromium (pp	om)		
	E 50 - Abnormal				Severe			
				ш. Д	1			
	24 to 0			24			-24	
	Jun 10/24			Jun 10/24	Jun 10/24		Jun 10/24	
	∽ Copper (ppm)			7	¬ Silicon (ppm)		7	
	600 T			4	Severe		,_	
	400 200 Severe Abnormal			톱 2	Abnormal		-	
	200				, L			
	Jun10/24 -			Jun10/24 -	Jun 10/24 .		Jun10/24 -	
	-			Jun	Jun		Junt	
	Viscosity @ 40°C			30	Additives			
					C			
	(Co 40 - Abnormal Base 정 20 - Portonial			특 ²⁰ 10) - zinc			
	04			24	54	******	24	
	Jun 10/24			Jun 10/24	Jun 10/2		Jun10/24	
Laboratory Sample No. Lab Number Laboratory Sample No. Lab Number Test Package To discuss this sample report, Test denoted (*) outside scope Validity of results and interpret	: 5798732 : MOB 1 contact Customer Serv of accreditation, (m) m	Rece Teste Diagr ice at 1-8 nethod mo	ived : 11 ed : 11 nosed : 11 800-268-213 odified, (e) te	I Jun 2024 I Jun 2024 I Jun 2024 - ₩ 1. ested at exter	les Davis mel nal lab.	2 ST Contac issa.arpin@gro T:	E SAVOIE LTD 51 ROUTE 180 -QUENTIN, NB CA E8A 2K9 I: Melissa Arpin upesavoie.com (506)235-1041 (506)235-3200	

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> Contact/Location: Melissa Arpin - GROSTQ Page 2 of 2