

[TMR] Wachine Id] VOLVO L60H 623237 Component Front Axle Fluid VOLVO WET BRAKE TRANSAXLE OIL (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

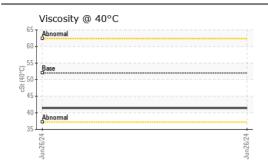
There is no indication of any contamination in the oil.

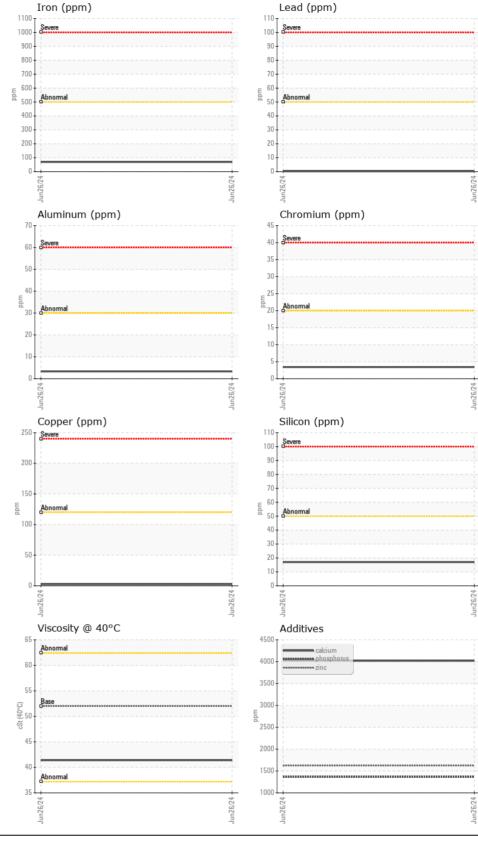
FLUID CONDITION

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

TestUOMMethodLimit MCurrentHistory1History2Sample NumberCClient InfoZ6 Jun 2024Machine AgehrsClient InfoZ6 Jun 2024Oil AgehrsClient InfoI736Filter AgehrsClient InfoINot ChangeOil ChangedClient InfoNot ChangeFilter AgehrsClient InfoNot ChangeSample StatusClient InfoNot ChangeTronpmASTM D5185>500699NickelpmASTM D5185>100NickelpmASTM D5185>100SilverpmASTM D5185>2003SilverpmASTM D5185>2003AuminumpmASTM D5185>2003NoredpmASTM D5185>2003YanadiumpmASTM D5185>2003NoredpmASTM D5185>200C1YanadiumpmASTM D5185>200A1NoredpaceyisualNONENONEYanadiumpmASTM D5185>200A1-		····/					
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Machine AgehrsClient Into736Oil AgehrsClient Into0Filter AgehrsClient IntoNot ChangdOil ChangedClient IntoNot ChangdFilter ChangedClient IntoNot ChangdSample StatusClient IntoNot ChangdIronppmASTMD518m>500699ChromiumppmASTMD518m>10<1NickelppmASTMD518m>10<1SilverppmASTMD518m>50<1AluminumppmASTMD518m>50<1QopperppmASTMD518m>50<1VanadiumppmASTMD518m>50<1VanadiumppmASTMD518m>50<1Yellow Metalscalar'VisualNONEInSiliconppmASTMD518m>50117Yellow Metalscalar'VisualNONEInSiliconppmASTMD518m>50117Yellow Metalscalar'VisualNONEInSiliconppmASTMD518m>50117 <th>Sample Number</th> <th></th> <th>Client Info</th> <th></th> <th>VCP444532</th> <th></th> <th></th>	Sample Number		Client Info		VCP444532		
Oil Age Filter AgehrsClient Info0Filter AgehrsClient InfoNot ChangdGil ChangedColent InfoNot ChangdFilter ChangedQClient InfoNot ChangdSample StatusNot ChangdIronppmASTM D518s50069ChromiumppmASTM D518s50069NickelppmASTM D518s10<1SilverppmASTM D518s500<1AluminumppmASTM D518s500<1AuminumppmASTM D518s500<1QopperppmASTM D518s500<1VandadiumppmASTM D518s500<1VandadiumppmASTM D518s500<1Value Metalscalar'VisualNONENONESiliconppmASTM D518s50017SiliconppmASTM D518s50014SiliconppmASTM D518s>20ASiliconppmASTM D518s>20ASiliconppmASTM D518s>20A	Sample Date		Client Info		26 Jun 2024		
Filter Age Oil ChangedhrsClient Info0Not ChangdClient InfoNot ChangdFilter ChangedClient InfoNot ChangdSample StatusNORMALIronppmASTM D5185m>50069ChromiumppmASTM D5185m>203NickelppmASTM D5185m>10<1SilverppmASTM D5185m>10<1AluminumppmASTM D5185m>500<1LeadppmASTM D5185m>20<1VanadiumppmASTM D5185m>20<1VanadiumppmASTM D5185m>20<1Yellow Metalscalar'VisualNONENONESiliconppmASTM D5185m>204Yellow Metalscalar'VisualNONENONESiliconppmASTM D5185m>204Yellow Metalscalar'VisualNONENONESiliconppmASTM D5185m>204SoliconppmASTM D5185m>204SiliconppmASTM D5185m>20Af <th>Machine Age</th> <th>hrs</th> <th>Client Info</th> <th></th> <th>736</th> <th></th> <th></th>	Machine Age	hrs	Client Info		736		
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ChromiumppmASTM D5185m>CN3NickelppmASTM D5185m>10<1SilverppmASTM D5185m<1AluminumppmASTM D5185m>303LeadppmASTM D5185m>50<1CopperppmASTM D5185m>1203TinppmASTM D5185m>20<1VanadiumppmASTM D5185m>20<1White Metalscalar*VisualNONENONESiliconppmASTM D5185m>5017PotassiumppmASTM D5185m>204Silitscalar*VisualNONENONESilitscalar*VisualNONENONESilitscalar*VisualNONENONEAppearancescalar*VisualNORHNONESodiumppmASTM D5185m>0133BoronppmASTM D5185m044MalpesiumppmASTM D5185m0scalarMolybdenumppmASTM D5185m0133BoronppmAS	Sample Status				NORMAL		
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TitaniumppmASTM D5185m<1					-		
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Lead ppm ASTM D5185m >50 <1							
Copper ppm ASTM D5185m >120 3 Tin ppm ASTM D5185m >20 <1 Vanadium ppm ASTM D5185m >20 <1 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >50 17 Silicon ppm ASTM D5185m >20 4 Vater WC Method >0.2 NEG Silt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORM NORML Qdor scalar *Visual NORM NORML Godr scalar *Visual NORML NORML	Aluminum	ppm			-		
TinppmASTM D5185m>20<1		ppm					
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SiliconppmASTM D5185m>5017PotassiumppmASTM D5185m>204WaterWC Method>0.2NEGSiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLSodiumppmASTM D5185m>0.2NEGSodiumppmASTM D5185m100133BariumppmASTM D5185m04MaganeseppmASTM D5185m012MagnesiumppmASTM D5185m12001365PhosphorusppmASTM D5185m12001622SulfurppmASTM D5185m15001622SulfurppmASTM D5185m15004748	White Metal	scalar		NONE	NONE		
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Siltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185m100133BoronppmASTM D5185m0<1BariumppmASTM D5185m04MolybdenumppmASTM D5185m012MagnesiumppmASTM D5185m38004020PhosphorusppmASTM D5185m12001365ZincppmASTM D5185m15001622SulfurppmASTM D5185m65004748	Potassium	ppm	ASTM D5185m	>20	4		
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Emulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185m100133BoronppmASTM D5185m100133BariumppmASTM D5185m0<1MolybdenumppmASTM D5185m04ManganeseppmASTM D5185m012MagnesiumppmASTM D5185m38004020PhosphorusppmASTM D5185m12001365ZincppmASTM D5185m15001622SulfurppmASTM D5185m65004748	Appearance	scalar	*Visual	NORML	NORML		
Sodium ppm ASTM D5185m 2 Boron ppm ASTM D5185m 100 133 Barium ppm ASTM D5185m 0 <133 Barium ppm ASTM D5185m 0 <1 Molybdenum ppm ASTM D5185m 0 4 Manganese ppm ASTM D5185m 0 4 Magnesium ppm ASTM D5185m 0 12 Phosphorus ppm ASTM D5185m 3800 4020 Phosphorus ppm ASTM D5185m 1200 1365 Zinc ppm ASTM D5185m 1500 1622 Sulfur ppm ASTM D5185m 6500 4748	Odor	scalar	*Visual	NORML	NORML		
Boron ppm ASTM D5185m 100 133 Barium ppm ASTM D5185m 0 <1 Molybdenum ppm ASTM D5185m 0 <1 Molybdenum ppm ASTM D5185m 0 <1 Manganese ppm ASTM D5185m 0 <12 Magnesium ppm ASTM D5185m 0 <12 Calcium ppm ASTM D5185m 3800 <4020 Phosphorus ppm ASTM D5185m 1200 1365 Zinc ppm ASTM D5185m 1500 1622 Sulfur ppm ASTM D5185m 6500 4748	Emulsified Water	scalar	*Visual	>0.2	NEG		
Barium ppm ASTM D5185m 0 <1	Sodium	ppm	ASTM D5185m		2		
Barium ppm ASTM D5185m 0 <1	Boron		ASTM D5185m	100	133		
Manganese ppm ASTM D5185m 7 Magnesium ppm ASTM D5185m 0 12 Calcium ppm ASTM D5185m 3800 4020 Phosphorus ppm ASTM D5185m 1200 1365 Zinc ppm ASTM D5185m 1500 1622 Sulfur ppm ASTM D5185m 6500 4748	Barium	ppm	ASTM D5185m	0	<1		
Magnesium ppm ASTM D5185m 0 12 Calcium ppm ASTM D5185m 3800 4020 Phosphorus ppm ASTM D5185m 1200 1365 Zinc ppm ASTM D5185m 1500 1622 Sulfur ppm ASTM D5185m 6500 4748	Molybdenum	ppm	ASTM D5185m	0	4		
Calcium ppm ASTM D5185m 3800 4020 Phosphorus ppm ASTM D5185m 1200 1365 Zinc ppm ASTM D5185m 1500 1622 Sulfur ppm ASTM D5185m 6500 4748	Manganese	ppm	ASTM D5185m		7		
Phosphorus ppm ASTM D5185m 1200 1365 Zinc ppm ASTM D5185m 1500 1622 Sulfur ppm ASTM D5185m 6500 4748	Magnesium	ppm	ASTM D5185m	0	12		
Zinc ppm ASTM D5185m 1500 1622 Sulfur ppm ASTM D5185m 6500 4748	Calcium	ppm	ASTM D5185m	3800	4020		
Sulfur ppm ASTM D5185m 6500 4748	Phosphorus	ppm	ASTM D5185m	1200	1365		
	Zinc	ppm	ASTM D5185m	1500	1622		
	Sulfur		ASTM D5185m	6500	4748		
	Visc @ 40°C		ASTM D445		41.4		

Contact/Location: KENNY HANEY - VOLVO0093





ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : VCP444532 Received 8418 PALM RIVER ROAD : 01 Jul 2024 Lab Number : 06224846 Tested TAMPA, FL : 02 Jul 2024 Diagnosed Unique Number : 11103043 : 02 Jul 2024 - Wes Davis US 33619 Test Package : MOB 1 Contact: KENNY HANEY Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. khaney@flaglerce.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (813)630-0077 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (813)630-2233

Contact/Location: KENNY HANEY - VOLVO0093