



RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Calcium

Zinc

Sulfur

Phosphorus

Visc @ 40°C

ASTM D5185m

ASTM D5185m

ASTM D5185m

ASTM D5185m

ASTM D445

ppm

ppm

ppm

ppm

cSt

## **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/AnCurrentHistory1History2Sample NumberClient InfoVCP449739VCP436179Sample DateClient Info22 May 202414 Oct 2023Machine AgehrsClient Info1885702Oil AgehrsClient Info00Filter AgehrsClient InfoNot ChangedOil ChangedClient InfoNot ChangedNot ChangedFilter ChangedClient InfoNot ChangedNot ChangedSample StatusClient InfoNot ChangedNot ChangedStarp StatusVVORMALNORMALIronppmASTM D5185m>000265NickelppmASTM D5185m>1001NickelppmASTM D5185m>1000SilverppmASTM D5185m>1000AluminumppmASTM D5185m>1000LeadppmASTM D5185m>2000VanadiumppmASTM D5185m>2000VanadiumppmASTM D5185m>2000SilconppmASTM D5185m>2000SilconppmASTM D5185m>2004SilconppmASTM D5185m <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
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Machine AgehrsClient InfoI885702Oil AgehrsClient InfoIII <th>Sample Number</th> <td></td> <td>Client Info</td> <td></td> <th>VCP449739</th> <td>VCP436179</td> <td></td>	Sample Number		Client Info		VCP449739	VCP436179	
Oil Age Filter Age Oil AgeNa Client InfoOO	Sample Date		Client Info		22 May 2024	14 Oct 2023	
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Chromium  ppm  ASTM D5185m  >20  0  6     Nickel  ppm  ASTM D5185m  >10  0  1     Titanium  ppm  ASTM D5185m  >10  0  0     Silver  ppm  ASTM D5185m   0  0     Aluminum  ppm  ASTM D5185m  >30  0  0	Sample Status				NORMAL	NORMAL	
Chromium  ppm  ASTM D5185m  >20  0  6     Nickel  ppm  ASTM D5185m  >10  0  1     Titanium  ppm  ASTM D5185m  >10  0  0     Silver  ppm  ASTM D5185m   0  0     Aluminum  ppm  ASTM D5185m  >30  0  0     Aluminum  ppm  ASTM D5185m  >50  0  0     Lead  ppm  ASTM D5185m  >50  0  12					•	005	
Nickel  ppm  ASTM D5185m  >10  0  1     Titanium  ppm  ASTM D5185m   0  0     Silver  ppm  ASTM D5185m   0  0     Aluminum  ppm  ASTM D5185m  >30  0  0     Lead  ppm  ASTM D5185m  >50  0  0     Copper  ppm  ASTM D5185m  >50  0  0     Vanadium  ppm  ASTM D5185m  >20  0  4     Vanadium  ppm  ASTM D5185m  >20  0  4     Yellow Metal  scalar  'Visual  NONE  NO	-				-		
Titanium  ppm  ASTM D5185m  O  O     Silver  ppm  ASTM D5185m  O  O     Aluminum  ppm  ASTM D5185m  >30  O  O     Aluminum  ppm  ASTM D5185m  >50  O  O     Lead  ppm  ASTM D5185m  >50  O  O     Copper  ppm  ASTM D5185m  >150  O  12     Vanadium  ppm  ASTM D5185m  >20  O  O     Vanadium  ppm  ASTM D5185m  >20  O  0     Vanadium  ppm  ASTM D5185m  >20  O  0     Vanadium  ppm  ASTM D5185m  >20  O  4     Vellow Metal  scalar  *Visual  NONE  NONE  NONE     Silicon  ppm  ASTM D5185m  >20  O  4					-	-	
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WaterWC Method>0.2NEGNEGSiltscalar*VisualNONENONELIGHTDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLSodiumppmASTM D5185m-0.2NEGNEGBoronppmASTM D5185m0303BariumppmASTM D5185m012MolybdenumppmASTM D5185m015	Silicon	ppm	ASTM D5185m	>50	0	4	
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Sand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185mO3BoronppmASTM D5185mO3033BariumppmASTM D5185mO3MolybdenumppmASTM D5185mO12ManganeseppmASTM D5185mO15	Silt	scalar	*Visual	NONE	NONE	LIGHT	
Appearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m033BoronppmASTM D5185m03033BariumppmASTM D5185m03MolybdenumppmASTM D5185m012ManganeseppmASTM D5185m015	Debris	scalar	*Visual	NONE	NONE	NONE	
Odorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m03.3BoronppmASTM D5185m03.303BariumppmASTM D5185m03.3MolybdenumppmASTM D5185m01.2ManganeseppmASTM D5185m01.5	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Emulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m03BoronppmASTM D5185m0303BariumppmASTM D5185m03MolybdenumppmASTM D5185m012ManganeseppmASTM D5185m015	Appearance	scalar	*Visual	NORML	NORML	NORML	
Sodium  ppm  ASTM D5185m  0  3     Boron  ppm  ASTM D5185m  233  303     Barium  ppm  ASTM D5185m  0  3     Molybdenum  ppm  ASTM D5185m  0  3     Manganese  ppm  ASTM D5185m  0  12	Odor	scalar	*Visual	NORML	NORML	NORML	
Boron  ppm  ASTM D5185m  233  303     Barium  ppm  ASTM D5185m  0  3     Molybdenum  ppm  ASTM D5185m  0  12     Manganese  ppm  ASTM D5185m  0  15	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
Boron  ppm  ASTM D5185m  233  303     Barium  ppm  ASTM D5185m  0  3     Molybdenum  ppm  ASTM D5185m  0  12     Manganese  ppm  ASTM D5185m  0  15	Sodium	mag	ASTM D5185m		0	3	
Barium  ppm  ASTM D5185m  0  3     Molybdenum  ppm  ASTM D5185m  0  12     Manganese  ppm  ASTM D5185m  0  15							
Molybdenum  ppm  ASTM D5185m  0  12     Manganese  ppm  ASTM D5185m  0  15							
Manganese  ppm  ASTM D5185m  0  15							
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	0						

Contact/Location: KENNY HANEY - VOLVO0093

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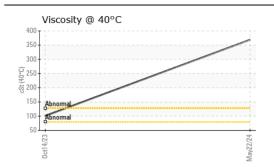
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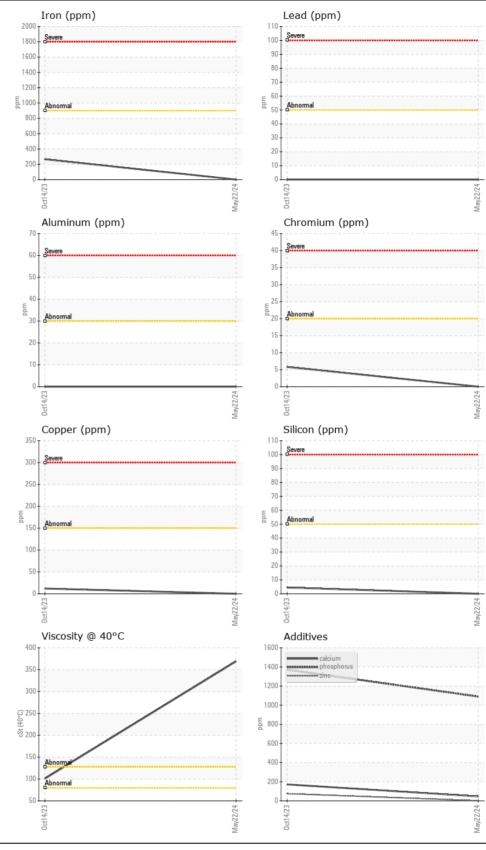
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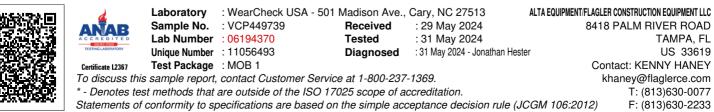
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## WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL







Contact/Location: KENNY HANEY - VOLVO0093

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