



[687510] Machine Id VOLVO A40G 752073

Rear Axle

VOLVO PREMIUM GEAR OIL 80W-90 GL-5 (--- GAL)

REC	IVIE	NDA	N	

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

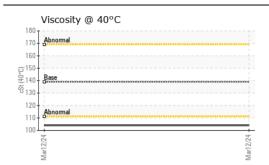
There is no indication of any contamination in the oil.

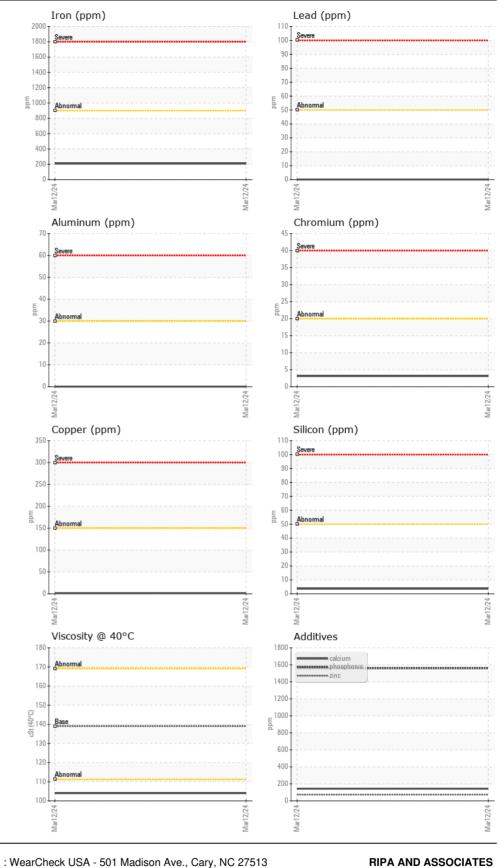
FLUID CONDITION

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

TestUOMMethodLimitAbCurrentHistory1History1Sample NumberCClient InfoI2 Mar2024Sample DateClient InfoI2 Mar2024Machine AgehrsClient InfoI131Filter AgehrsClient InfoI131Oil ChangedClient InfoKNot ChangedFilter AgehrsClient InfoNot ChangedSample StatusClient InfoNot ChangedTronpmASTM D5185-S00AstmNickelpmASTM D5185-S00NickelpmASTM D5185-S00SilverpmASTM D5185-S00SilverpmASTM D5185-S00AuminpmASTM D5185-S00SilverpmASTM D5185-S00VanadiumpmASTM D5185-S00SilcornpmASTM D5185-S00YandiumpmASTM D5185-S00SilcornpmASTM D5185-S00SilcornpmASTM D5185-S00							
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Filter AgehrsClient Info0Oil ChangedClient InfoChangedFilter ChangedClient InfoNot ChangdSample StatusNORMALIronppmASTM D5185>900208NickelppmASTM D5185>203NickelppmASTM D5185>10<1SilverppmASTM D5185>500AluminumppmASTM D5185>500LeadppmASTM D5185>500CopperppmASTM D5185>200VanadiumppmASTM D5185>200Yellow Metalscalar'VisualNONEInSiliconppmASTM D5185>501Yellow Metalscalar'VisualNONEInInSiliconppmASTM D5185>504SiliconppmASTM D5185>504SiliconppmASTM D5185>504SiliconppmASTM D5185>504SiliconppmASTM D5185>501SiliconppmASTM D	Machine Age	hrs	Client Info		1131		
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Chromium ppm ASTM D5185m >20 3 Nickel ppm ASTM D5185m >10 <1 Titanium ppm ASTM D5185m >10 60 Silver ppm ASTM D5185m >30 0 Aluminum ppm ASTM D5185m >50 0 Lead ppm ASTM D5185m >50 0 Vanadium ppm ASTM D5185m >50 0 Vanadium ppm ASTM D5185m >0 1 Vanadium ppm ASTM D5185m >0 1 Vanadium ppm ASTM D5185m >0 4 Vandotium scalar 'Visual NONE NONE Silicon ppm ASTM D5185m <	Sample Status				NORMAL		
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Lead ppm ASTM D5185m >50 0 Copper ppm ASTM D5185m >10 1 Tin ppm ASTM D5185m >20 0 Vanadium ppm ASTM D5185m >20 0 Vanadium ppm ASTM D5185m >20 0 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >50 4 Water WC Method >0.2 NEG Silit scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORE					-		
Copper ppm ASTM D5185m >150 1 Tin ppm ASTM D5185m >20 0 Vanadium ppm ASTM D5185m >20 0 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >50 4 Silicon ppm ASTM D5185m >50 4 Silicon ppm ASTM D5185m >20 <1 Vater WC Method >0.2 NEG Silt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORM NORML Appearance scalar *Visual NORM NORML <th></th> <th>ppm</th> <th></th> <th></th> <th>-</th> <th></th> <th></th>		ppm			-		
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VanadiumppmASTM D5185m<1		ppm					
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PotassiumppmASTM D5185m>20<1	Yellow Metal	scalar	*Visual	NONE	NONE		
PotassiumppmASTM D5185m>20<1	Silicon	maa	ASTM D5185m	>50	4		
WaterWC Method>0.2NEGSiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*VisualNORMLNORMLSodiumppmASTM D5185m379298BariumppmASTM D5185m0.017MolybdenumppmASTM D5185m0.017MagnesiumppmASTM D5185m313PhosphorusppmASTM D5185m10771559ZincppmASTM D5185m10771559SuffurppmASTM D5185m232630779SuffurppmASTM D5185m2352630779					<1		
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Odorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185m379298BoronppmASTM D5185m0.02BariumppmASTM D5185m0.02MolybdenumppmASTM D5185m0.0177ManganeseppmASTM D5185m313MagnesiumppmASTM D5185m38143PhosphorusppmASTM D5185m10771559ZincppmASTM D5185m4673SulfurppmASTM D5185m2352630779	Appearance			NORML	NORML		
Sodium ppm ASTM D5185m <1		scalar	*Visual		NORML		
Sodium ppm ASTM D5185m <1	Emulsified Water	scalar	*Visual	>0.2	NEG		
Boron ppm ASTM D5185m 379 298 Barium ppm ASTM D5185m 0.0 2 Molybdenum ppm ASTM D5185m 0.0 2 Manganese ppm ASTM D5185m 0.0 17 Magnesium ppm ASTM D5185m 31 3 Calcium ppm ASTM D5185m 31 3 Phosphorus ppm ASTM D5185m 38 143 Zinc ppm ASTM D5185m 1077 1559 Sulfur ppm ASTM D5185m 46 73							
Barium ppm ASTM D5185m 0.0 2 Molybdenum ppm ASTM D5185m 0.8 8 Manganese ppm ASTM D5185m 0.0 17 Magnesium ppm ASTM D5185m 31 3 Calcium ppm ASTM D5185m 38 143 Phosphorus ppm ASTM D5185m 1077 1559 Zinc ppm ASTM D5185m 46 73 Sulfur ppm ASTM D5185m 23526 30779	Sodium	ppm	ASTM D5185m		<1		
Molybdenum ppm ASTM D5185m 0.8 8 Manganese ppm ASTM D5185m 0.0 17 Magnesium ppm ASTM D5185m 31 3 Calcium ppm ASTM D5185m 38 143 Phosphorus ppm ASTM D5185m 1077 1559 Zinc ppm ASTM D5185m 46 73 Sulfur ppm ASTM D5185m 23526 30779	Boron	ppm	ASTM D5185m	379	298		
Manganese ppm ASTM D5185m 0.0 17 Magnesium ppm ASTM D5185m 31 3 Calcium ppm ASTM D5185m 38 143 Phosphorus ppm ASTM D5185m 1077 1559 Zinc ppm ASTM D5185m 46 73 Sulfur ppm ASTM D5185m 23526 30779	Barium	ppm	ASTM D5185m	0.0	2		
Magnesium ppm ASTM D5185m 31 3 Calcium ppm ASTM D5185m 38 143 Phosphorus ppm ASTM D5185m 1077 1559 Zinc ppm ASTM D5185m 46 73 Sulfur ppm ASTM D5185m 23526 30779	Molybdenum	ppm	ASTM D5185m	0.8	8		
Calcium ppm ASTM D5185m 38 143 Phosphorus ppm ASTM D5185m 1077 1559 Zinc ppm ASTM D5185m 46 73 Sulfur ppm ASTM D5185m 23526 30779	Manganese	ppm	ASTM D5185m	0.0	17		
Phosphorus ppm ASTM D5185m 1077 1559 Zinc ppm ASTM D5185m 46 73 Sulfur ppm ASTM D5185m 23526 30779	Magnesium	ppm	ASTM D5185m	31	3		
Zinc ppm ASTM D5185m 46 73 Sulfur ppm ASTM D5185m 23526 30779	Calcium	ppm	ASTM D5185m	38	143		
Sulfur ppm ASTM D5185m 23526 30779	Phosphorus	ppm	ASTM D5185m	1077	1559		
	Zinc	ppm	ASTM D5185m	46	73		
Visc @ 40°C cSt ASTM D445 139 (104)	Sulfur	ppm	ASTM D5185m	23526	30779		
	Visc @ 40°C	cSt	ASTM D445	139	104		

Contact/Location: ROBERT TURNER - RIPTAM







Sample No. Received 10149 FISHER AVENUE : VCP437076 : 11 Apr 2024 Lab Number : 06146248 Tested TAMPA, FL : 12 Apr 2024 Diagnosed Unique Number : 10976326 : 15 Apr 2024 - Don Baldridge US 33619 Test Package : MOB 1 Contact: ROBERT TURNER Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. rturner@ripatampa.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Laboratory

Contact/Location: ROBERT TURNER - RIPTAM Page 2 of 2

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