



VOLVO A30G 742165

Front Axle

VOLVO SUPER GEAR OIL 75W-80-GO102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

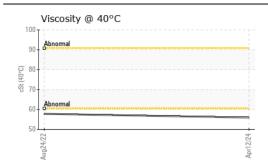
There is no indication of any contamination in the oil.

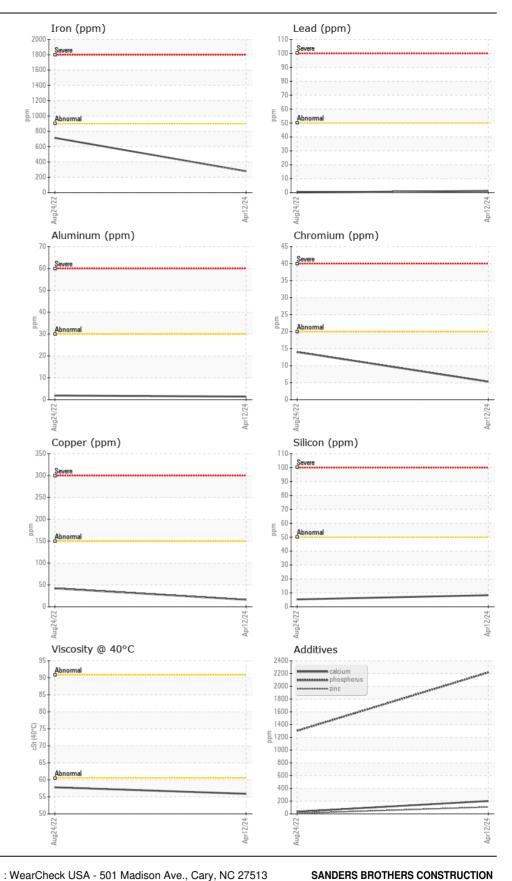
FLUID CONDITION

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

TestUOMMethodLimit/MoCurrentHistory1History2Sample NumberClient InfoI2 Apr 202424 Aug 2022Sample DateClient InfoI2 Apr 202444 Aug 2022Machine AgehrsClient InfoIS3074260Oil AgehrsClient InfoIO0Filter AgehrsClient InfoChangedKARFilter ChangedICient InfoIChangedNASample StatusClient InfoNORMALNORMALTronppmASTM D5185>002797144NickelppmASTM D5185>104NickelppmASTM D5185>104SilverppmASTM D5185>301AuminumppmASTM D5185>301NickelppmASTM D5185>301QuandumppmASTM D5185>301NickelppmASTM D5185>201VanadumppmASTM D5185>301NordeppmASTM D5185>201SilcornppmASTM D5185>201NordeppmASTM D5185>201<		•			<u> </u>		
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Oil AgehrsClient InfoOoFilter AgehrsClient InfoCChangedColanged </th <th>Sample Date</th> <th></th> <th>Client Info</th> <th></th> <th>12 Apr 2024</th> <th>24 Aug 2022</th> <th></th>	Sample Date		Client Info		12 Apr 2024	24 Aug 2022	
Filter Age Oil ChangedhrsClient Info00Gli ChangedClient InfoChangedChangedFilter ChangedClient InfoChangedN/ASample StatusNORMALNORMALIronppmASTM D5185m>900279714NickelppmASTM D5185m>047NickelppmASTM D5185m>1047NickelppmASTM D5185m<41SilverppmASTM D5185m>301<1AluminumppmASTM D5185m>501<1LeadppmASTM D5185m>501<1CopperppmASTM D5185m>2022VanadumppmASTM D5185m>201<1Veltow Metalscalar*VisualNONENONENONESiliconppmASTM D5185m>2011SiliconppmASTM D5185m>2011SiliconppmASTM D5185m>2011SiliconppmASTM D5185m>2011SiliconppmASTM D5185m>2011SiliconppmASTM D5185m>2011 <trr<tr>Sodiumppm<t< th=""><th>Machine Age</th><th>hrs</th><th>Client Info</th><th></th><th>5307</th><th>4260</th><th></th></t<></trr<tr>	Machine Age	hrs	Client Info		5307	4260	
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ChromiumppmASTM D5185m>20514NickelppmASTM D5185m>1047TitaniumppmASTM D5185m<1<1<1SilverppmASTM D5185m<12AluminumppmASTM D5185m>3012LeadppmASTM D5185m>101642.2CopperppmASTM D5185m>101642.2YanadiumppmASTM D5185m>2022VanadiumppmASTM D5185m>010White Metalscalar*VisualNONENONENONESiliconppmASTM D5185m>50855SiliconppmASTM D5185m>20111WaterWC Method>.2NEGNEGSilitscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONEAppearancescalar*VisualNORMNORMLNORMLGodrscalar*VisualNORMNORMLNORMLSodiumppmASTM D5185m>.0.2NEGNORMLMappearancescalar*VisualNORMLNORMLNORMLMolybdenumppmASTM D5185m<							
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AluminumppmASTM D5185m>3012LeadppmASTM D5185m>501<1<1CopperppmASTM D5185m>1501642TinppmASTM D5185m>2022VanadiumppmASTM D5185m>2022VanadiumppmASTM D5185m>2022Viste Metalscalar*VisualNONENONENONEYellow Metalscalar*VisualNONENONENONESiliconppmASTM D5185m>5085Yellow Metalscalar*VisualNONENONENONESiliconppmASTM D5185m>2011WaterVC Method>.2NEGNEGSilitscalar*VisualNONENONENONESand/Dirtscalar*VisualNORNORMLNORMLAppearancescalar*VisualNORMNORMLNORMLGoronppmASTM D5185m<13SodiumppmASTM D5185m<00ManganeseppmASTM D5185m<216<1MagnesiumppmASTM D5185m<620MagnesiumppmASTM D5185m<2016<1							
Lead ppm ASTM D5185m >50 1 <1							
Copper ppm ASTM D5185m >150 16 42 Tin ppm ASTM D5185m >20 2 2 Vanadium ppm ASTM D5185m >20 2 2 White Metal scalar *Visual NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >50 8 5 Potassium ppm ASTM D5185m >20 1 1 Water WC Method >0.2 NEG NONE Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NOR NORM NORML NORML Appearance scalar *Visual NORM NORML NORML Godr scalar *Visual<		ppm					
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PotassiumppmASTM D5185m>2011WaterWC Method>0.2NEGNEGSiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLSodiumppmASTM D5185m13BoronppmASTM D5185m00MolybdenumppmASTM D5185m46ManganeseppmASTM D5185m20135MagnesiumppmASTM D5185m20135PhosphorusppmASTM D5185m1078SulfurppmASTM D5185m20135SulfurppmASTM D5185m1078SulfurppmASTM D5185m201350SulfurppmASTM D5185m201350SulfurppmASTM D5185m201350SulfurppmASTM D5185m201350SulfurppmASTM D5185m1078	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
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Sodium ppm ASTM D5185m 1 3 Boron ppm ASTM D5185m 228 157 Barium ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 4 6 Manganese ppm ASTM D5185m 6 20 Magnesium ppm ASTM D5185m 6 <1 Calcium ppm ASTM D5185m 201 35 Phosphorus ppm ASTM D5185m 2216 1302 Zinc ppm ASTM D5185m 107 8 Sulfur ppm ASTM D5185m 29762 23320	Odor	scalar	*Visual	NORML	NORML	NORML	
Boron ppm ASTM D5185m 228 157 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 0 0 Manganese ppm ASTM D5185m 6 20 Magnesium ppm ASTM D5185m 6 20 Calcium ppm ASTM D5185m 16 <1 Phosphorus ppm ASTM D5185m 201 355 Zinc ppm ASTM D5185m 2216 1302 Sulfur ppm ASTM D5185m 107 8	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
Boron ppm ASTM D5185m 228 157 Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 0 0 Manganese ppm ASTM D5185m 6 20 Magnesium ppm ASTM D5185m 6 20 Calcium ppm ASTM D5185m 16 <1 Phosphorus ppm ASTM D5185m 201 355 Zinc ppm ASTM D5185m 2216 1302 Sulfur ppm ASTM D5185m 107 8	Sodium	ppm	ASTM D5185m		1	3	
Barium ppm ASTM D5185m 0 0 Molybdenum ppm ASTM D5185m 4 6 Manganese ppm ASTM D5185m 6 20 Magnesium ppm ASTM D5185m 16 <1 Calcium ppm ASTM D5185m 201 355 Phosphorus ppm ASTM D5185m 2216 1302 Zinc ppm ASTM D5185m 107 8 Sulfur ppm ASTM D5185m 29762 23320					228	157	
Molybdenum ppm ASTM D5185m 4 6 Manganese ppm ASTM D5185m 6 20 Magnesium ppm ASTM D5185m 6 20 Magnesium ppm ASTM D5185m 16 <1 Calcium ppm ASTM D5185m 201 35 Phosphorus ppm ASTM D5185m 2216 1302 Zinc ppm ASTM D5185m 107 8 Sulfur ppm ASTM D5185m 29762 23320	Barium		ASTM D5185m		0	0	
Manganese ppm ASTM D5185m 6 20 Magnesium ppm ASTM D5185m 16 <1	Molybdenum		ASTM D5185m		4	6	
Magnesium ppm ASTM D5185m 16 <1	Manganese		ASTM D5185m		6	20	
Calcium ppm ASTM D5185m 201 35 Phosphorus ppm ASTM D5185m 2216 1302 Zinc ppm ASTM D5185m 107 8 Sulfur ppm ASTM D5185m 29762 23320	Magnesium		ASTM D5185m		16	<1	
Zinc ppm ASTM D5185m 107 8 Sulfur ppm ASTM D5185m 29762 23320	Calcium	ppm	ASTM D5185m		201	35	
Sulfur ppm ASTM D5185m 29762 23320	Phosphorus	ppm	ASTM D5185m		2216	1302	
	Zinc	ppm	ASTM D5185m		107	8	
	Sulfur	ppm	ASTM D5185m		29762	23320	
	Visc @ 40°C		ASTM D445		55.9	57.8	

Contact/Location: MARC WATSON - SANNOR





Lab Number : 06152342 NORTH CHARLESTON, SC Tested : 18 Apr 2024 Unique Number : 10982420 : 18 Apr 2024 - Wes Davis US 29411 Diagnosed Test Package : MOB 1 Contact: MARC WATSON Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. marc.watson@sandersbrothers.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (843)744-4261 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (843)747-3909

: 17 Apr 2024

Received

Laboratory

Sample No.

: VCP455177

Contact/Location: MARC WATSON - SANNOR Page 2 of 2

1990 HARLEY STREET