CONSTRUCTION EQUIPMENT D13105 VOLVO A40G 342238 - FRONT AXLE



Sample No: VCP429530

TOTATO

Oil Type:	VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:	D13105

Oil Hours O Oil Changed Changed Sample Status NORMAL Vice Q 40°C CSt 54.3 Solition ppm 0 Solition ppm 0 Copper ppm 0 Nokelenum ppm 0					
Sample Number VCP429530 Sample Date 20 Dec 2023 Machine Hours 8747 Oil Hours 0 Oil Changed Changed Sample Status NORMAL Voc CUTIAMINATION Voc CONTAMINATION Voc Soliticon ppm 0 Soliticon ppm 0 Voc Verasity Soliticon ppm 0 Soliticon ppm 0 Voc WEAR METALS Coor ppm 0 Coor ppm 0		E INFORMATION			
Sample Date 20 Dec 2023 Machine Hours 8747 Oil Hours 0 Oil Changed Changed Sample Status NORMAL Vocco OIL CONDITION Visc @ 40°C cSt 54.3 Visc @ 40°C cSt 54.3 Visc @ 40°C cSt 54.3 Visc @ 40°C cSt 154.3 Visc @ 40°C cSt 154.3 Visc @ 40°C cSt 154.3 Sodium ppm 0 Sodium ppm 0 Copper ppm 0 <td></td> <td></td> <td></td> <td> </td> <td></td>				 	
Machine Hours 8747 Oil Hours 0 Oil Changed Changed Sample Status NORMAL Oil CONDITION Visc @ 40°C cSt 54.3 Votro cSt 54.3 Votro CNTAMINATION Value % NEG Solicon ppm 0 Votro WER METALS Iron ppm 0 Iron ppm 0 Iron ppm 0 <	•		20 Dec 2023	 	
Oil Changed Changed Sample Status NORMAL Visc @ 40°C CSt 54.3 Water % NEG Sodium ppm 0 Potassium ppm 0 Copper ppm 0 Lead ppm 0 Molybdenum ppm 0 <t< td=""><td>Machine Hours</td><td></td><td></td><td> </td><td></td></t<>	Machine Hours			 	
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Visc @ 40°C cSt 54.3 CONTAMINATION Water % NEG Silicon ppm 2 Sodium ppm 0 Potassium ppm 112 Verance WEAR METALS Iron ppm 0 Verance ppm 0 Iron ppm 0 Iron ppm 0 Lead ppm 0 Aluminum ppm 0 Nickel ppm 0 Nickel ppm 0 Manganese ppm	OIL CON	DITION			
Vater % NEG Silicon ppm 2 Sodium ppm 0 Potassium ppm <1			54.3	 	
CONTAMINATION Water % NEG Silicon ppm 2 Sodium ppm 0 Potassium ppm <1					
Water % NEG Silicon ppm 0 Sodium ppm 0 Potassium ppm <1	VOLVO				
Silicon ppm 2 Sodium ppm 0 Potassium ppm <1					
Sodium ppm 0 Potassium ppm <1		%	NEG	 	
Potassium ppm <1 WEAR METALS Iron ppm 112 Copper ppm 0 Lead ppm 0 Aluminum ppm 0 Aluminum ppm 0 Molybdenum ppm 0 Nickel ppm 0 Silver ppm 0 Silver ppm 0 Vanadium ppm 0 Calcium ppm 4 Calcium ppm 0 Ma		ppm	2	 	
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Aluminum ppm 0 Chromium ppm 2 Molybdenum ppm 0 Nickel ppm 0 Nickel ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 0 Calcium ppm 0 Magnesium ppm 0 Zinc ppm 0 Appensium ppm 0 Calcium ppm 14 Magnesium ppm 0 Zinc ppm 1	Lead	ppm	0	 	
Chromium ppm 2 Molybdenum ppm 0 Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 0 Calcium ppm 4 Magnesium ppm 0 Zinc ppm	Tin	ppm	0	 	
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Nickel ppm 0 Titanium ppm 0 Silver ppm 0 Manganese ppm 0 Vanadium ppm 0 ADDITIVES Calcium ppm 4 Magnesium ppm 0 Zinc ppm <1	Chromium	ppm	2	 	
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Silver ppm 0 Manganese ppm 2 Vanadium ppm 0 ADDITIVES Calcium ppm 4 Magnesium ppm 0 Zinc ppm <1	Nickel	ppm	0	 	
Manganese ppm 2 Vanadium ppm 0 ADDITIVES Calcium ppm 4 Magnesium ppm 0 Zinc ppm <1	Titanium	ppm	0	 	
Vanadium ppm 0 ADDITIVES Calcium ppm 4 Magnesium ppm 0 Zinc ppm <1	Silver	ppm	0	 	
ADDITIVES Calcium ppm 4 Magnesium ppm 0 Zinc ppm <1	Manganese	ppm	2	 	
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Magnesium ppm 0 Zinc ppm -1	Calcium	ppm	4	 	
Zinc ppm 1	Magnesium			 	
	Zinc			 	
	Phosphorus		_	 	



ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)

13001 W SILVERE SPRING DR BUTLER, WI JS 53007 Contact: GLENN OTTENBACHER gottenbacher@aring.com F: (262)282-0715 F: (262)781-5053

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VOLV00069

 Unique No:
 10807055

 Signed:
 Jonathan Hester

 Report Date:
 29 Dec 2023

0 🔲

280

ppm

ppm

Barium

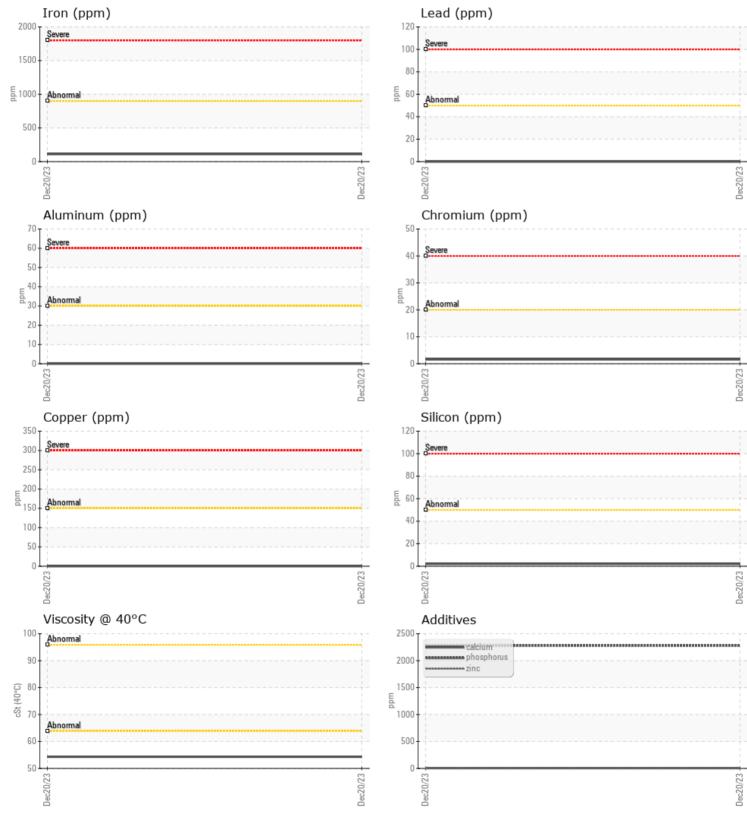
Boron

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0069 [WUSCAR] 06046447 (Generated: 12/29/2023 10:43:03) Rev: 1

Contact/Location: GLENN OTTENBACHER - VOLVO0069