

CONSTRUCTION EQUIPMENT 565509 VOLVO A30G 752905 - BOGIE/CENTER AXLE



Sample No: VCP392707

Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Report Id: RIPTAM [WUSCAR] 05895378 (Generated: 07/12/2023 11:38:58) Rev: 1

Job No: 565509

Sample Number							
Sample Date	SAMPLE	INFORMATION					
Sample Date	Sample Number		VCP392707				
Oil Hours 500 -			13 Jun 2023				
Oil Changed Not Changd			1244				
Sample Status	Oil Hours		500				
Visc @ 40 °C cSt 222	Oil Changed		Not Changd				
OIL CONDITION Visc @ 40°C CSt 2222 <th< td=""><td>Sample Status</td><td></td><td>NORMAL</td><td></td><td></td><td></td></th<>	Sample Status		NORMAL				
OIL CONDITION Visc @ 40°C CSt 2222 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td></th<>							
CONTAMINATION Silicon	OIL CON	DITION					
CONTAMINATION 14	Visc @ 40°C	cSt	222				
CONTAMINATION 14							
Sodium	CONTAM	IINATION					
Potassium	Silicon	ppm	14				
Iron	Sodium	ppm	■<1				
Iron	Potassium	ppm	2				
Iron							
Copper ppm 6 Lead ppm 0 Tin ppm 0 Aluminum ppm 2 Chromium ppm 3 Molybdenum ppm 5 Nickel ppm 0 Silver ppm 0 Manganese ppm 4 Vanadium ppm 0 ADDITIVES Calcium ppm 169 179 179 Phosphorus ppm 1098 1	WEAR METALS						
Lead ppm 0 Tin ppm 0 Aluminum ppm 2 Chromium ppm 3 Molybdenum ppm 5 Nickel ppm 0 Silver ppm 0 Manganese ppm 4 Vanadium ppm 0 ADDITIVES Calcium ppm 169 Magnesium ppm 15 Zinc ppm 79 Phosphorus ppm 1098	Iron	ppm	167				
Tin ppm 0 Aluminum ppm 2	Copper	ppm	6				
Aluminum ppm 2 Chromium ppm 3 Molybdenum ppm 5 Nickel ppm 0 Titanium ppm 0 Silver ppm 4 Vanadium ppm 0 Vanadium ppm 169 Magnesium ppm 15 Zinc ppm 79 Phosphorus ppm 1098 Barium ppm 0	Lead	ppm	0				
Chromium ppm 3 <	Tin	ppm	0				
Molybdenum ppm 5	Aluminum	ppm	2				
Nickel ppm 2 <td>Chromium</td> <td>ppm</td> <td>■3</td> <td></td> <td></td> <td></td>	Chromium	ppm	■3				
Titanium ppm 0 Silver ppm 0 Manganese ppm 4 Vanadium ppm 0 Calcium ppm 169 Magnesium ppm 15 Zinc ppm 79 Phosphorus ppm 1098 Barium ppm 0	Molybdenum	ppm	5				
Silver ppm 0 Manganese ppm 4 Vanadium ppm 0 Calcium ppm 169 Magnesium ppm 15 Zinc ppm 79 Phosphorus ppm 1098 Barium ppm 0	Nickel	ppm	2				
Manganese ppm 4 Vanadium ppm 0 Calcium ppm 169 Magnesium ppm 15 Zinc ppm 79 Phosphorus ppm 1098 Barium ppm 0	Titanium	ppm	0				
Vanadium ppm 0 ADDITIVES Calcium ppm 169 Magnesium ppm 15 Zinc ppm 79 Phosphorus ppm 1098 Barium ppm 0	Silver	ppm	0				
ADDITIVES Calcium ppm 169 Magnesium ppm 15 Zinc ppm 79 Phosphorus ppm 1098 Barium ppm 0	Manganese	ppm	■ 4				
ADDITIVES Calcium ppm 169 Magnesium ppm 15 Zinc ppm 79 Phosphorus ppm 1098 Barium ppm 0	Vanadium	ppm	0				
ADDITIVES Calcium ppm 169 Magnesium ppm 15 Zinc ppm 79 Phosphorus ppm 1098 Barium ppm 0							
Magnesium ppm 15 Zinc ppm 79 Phosphorus ppm 1098 Barium ppm 0	ADDITIVES						
Zinc ppm 79 Phosphorus ppm 1098 Barium ppm 0	Calcium	ppm	169				
Phosphorus ppm 1098 <th< td=""><td>Magnesium</td><td>ppm</td><td>15</td><td></td><td></td><td></td></th<>	Magnesium	ppm	15				
Barium ppm 0	Zinc	ppm	□ 79				
	Phosphorus	ppm	1098				
Boron ppm 184	Barium	ppm	0				
	Boron	ppm	184				



RIPA AND ASSOCIATES

10149 FISHER AVENUE TAMPA, FL US 33619 Contact: ROBERT TURNER rturner@ripatampa.com T: F:

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:RIPTAMUnique No:10551188Signed:Wes DavisReport Date:12 Jul 2023



CONSTRUCTION EQUIPMENT





GRAPHS

