



CONSTRUCTION EQUIPMENT

SWO-066609 VOLVO A45G 352916 - REAR AXLE



Sample No: VCP429388
Oil Type: NOT GIVEN
Job No: SWO-066609



SAMPLE INFORMATION

Sample Number	VCP429388	VCP419132	VCP404635	VCP403262
Sample Date	11 Oct 2023	25 Jul 2023	04 May 2023	24 Jan 2023
Machine Hours	3517	3005	2493	1980
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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 BIRMINGHAM, AL
 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	49.8	49.8	49.5	51.4
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CONTAMINATION

Silicon	ppm	6	12	3	2
Sodium	ppm	4	3	2	1
Potassium	ppm	5	5	5	3



WEAR METALS

Iron	ppm	140	201	167	48
Copper	ppm	2	1	<1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	2	3	3	<1
Molybdenum	ppm	8	12	12	8
Nickel	ppm	0	<1	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	13	15	13	8
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	106	113	108	99
Magnesium	ppm	14	0	4	1
Zinc	ppm	45	53	47	53
Phosphorus	ppm	2165	2524	2543	2324
Barium	ppm	0	0	0	<1
Boron	ppm	203	242	230	257

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: SAIBIR
Unique No: 10698768
Signed: Sean Felton
Report Date: 19 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

