



CONSTRUCTION EQUIPMENT

SWO-064007 VOLVO A45G 352799 - BOGIE/CENTER AXLE



Sample No: VCP417782
Oil Type: NOT GIVEN
Job No: SWO-064007



SAMPLE INFORMATION

Sample Number	VCP417782	VCP405917	VCP369034	VCP364235
Sample Date	12 Jul 2023	29 Mar 2023	16 Nov 2022	31 Aug 2022
Machine Hours	3946	3445	2976	2451
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
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OIL CONDITION

Visc @ 40°C	cSt	151	151	152	152
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CONTAMINATION

Silicon	ppm	9	12	8	8
Sodium	ppm	8	8	9	6
Potassium	ppm	1	3	0	4



WEAR METALS

Iron	ppm	348	381	297	198
Copper	ppm	1	1	1	1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	4	2	2
Chromium	ppm	6	6	5	3
Molybdenum	ppm	8	8	7	7
Nickel	ppm	<1	<1	1	0
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	12	12	10	9
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2968	3062	2672	2674
Magnesium	ppm	31	34	29	24
Zinc	ppm	1278	1393	1147	1114
Phosphorus	ppm	1170	1190	1041	1064
Barium	ppm	6	0	3	8
Boron	ppm	41	37	37	36

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: 10574595
Signed: Sean Felton
Report Date: 28 Jul 2023



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GRAPHS

