



CONSTRUCTION EQUIPMENT

SWO 064669 VOLVO A45G 352698 - BOGIE/CENTER AXLE



Sample No: VCP406866
Oil Type: NOT GIVEN
Job No: SWO 064669



SAMPLE INFORMATION

Sample Number	VCP406866	VCP408687	VCP367721	VCP390101
Sample Date	07 Aug 2023	16 May 2023	17 Jan 2023	12 Oct 2022
Machine Hours	4553	4038	3513	3026
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
BIRMINGHAM, AL
US 35207

Contact: STEPHANI BRITTON
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OIL CONDITION

Visc @ 40°C	cSt	307	146	147	147
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CONTAMINATION

Silicon	ppm	6	7	8	7
Sodium	ppm	0	8	8	8
Potassium	ppm	<1	2	1	2



WEAR METALS

Iron	ppm	37	382	387	338
Copper	ppm	<1	<1	1	1
Lead	ppm	0	0	1	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	<1	3	1	2
Chromium	ppm	<1	5	6	5
Molybdenum	ppm	3	13	15	14
Nickel	ppm	<1	<1	2	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	10	11	10
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	192	2554	2569	2734
Magnesium	ppm	15	25	27	27
Zinc	ppm	107	1097	1109	1133
Phosphorus	ppm	1014	1019	989	1064
Barium	ppm	2	0	0	6
Boron	ppm	190	37	35	38

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: 10603715
Signed: Sean Felton
Report Date: 15 Aug 2023



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GRAPHS

