



CONSTRUCTION EQUIPMENT

SWO 064669 VOLVO A45G 352698 - REAR AXLE



Sample No: VCP406864
Oil Type: NOT GIVEN
Job No: SWO 064669



SAMPLE INFORMATION

Sample Number	VCP406864	VCP410137	VCP367720	VCP390112
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 Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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Contact: STEPHANI BRITTON

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OIL CONDITION

Visc @ 40°C	cSt	304	145	146	146
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CONTAMINATION

Silicon	ppm	6	6	8	7
Sodium	ppm	0	8	8	8
Potassium	ppm	1	3	2	2



WEAR METALS

Iron	ppm	16	209	203	173
Copper	ppm	<1	<1	1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	3	1	2
Chromium	ppm	<1	3	4	3
Molybdenum	ppm	2	8	9	8
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	8	9	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	199	2591	2546	2713
Magnesium	ppm	15	25	27	27
Zinc	ppm	111	1109	1098	1129
Phosphorus	ppm	1018	1030	984	1059
Barium	ppm	2	0	0	6
Boron	ppm	197	33	31	34

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: 10603721

Signed: Sean Felton

Report Date: 15 Aug 2023



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GRAPHS

