



CONSTRUCTION EQUIPMENT

VOLVO A45G 352916 - BOGIE/CENTER AXLE



Sample No: VCP369305

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP369305	VCP419130	VCP404640	VCP403261
Sample Date	07 Aug 2023	25 Jul 2023	04 May 2023	24 Jan 2023
Machine Hours	3113	3005	2493	1980
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	50.3	49.1	48.6	48.8
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CONTAMINATION

Silicon	ppm	5	▲ 144	3	2
Sodium	ppm	0	3	2	1
Potassium	ppm	5	5	3	2



WEAR METALS

Iron	ppm	202	454	197	59
Copper	ppm	4	4	2	2
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	▲ 11	<1	<1
Chromium	ppm	2	6	3	<1
Molybdenum	ppm	8	9	10	8
Nickel	ppm	<1	<1	2	<1
Titanium	ppm	0	1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	11	14	10	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	139	132	121	101
Magnesium	ppm	1	1	4	<1
Zinc	ppm	69	62	53	42
Phosphorus	ppm	2373	2457	2564	2336
Barium	ppm	2	0	0	<1
Boron	ppm	107	153	224	250

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: SAIBIR

Unique No: 10607526

Signed: Don Baldrige

Report Date: 18 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

