



CONSTRUCTION EQUIPMENT

SWO-068624 VOLVO A45G 352769 - FRONT AXLE



Sample No: VCP435526
Oil Type: {unknown}
Job No: SWO-068624



SAMPLE INFORMATION

Sample Number	VCP435526	VCP431100	VCP416637	VCP401135
Sample Date	05 Jan 2024	20 Sep 2023	21 Jun 2023	02 Mar 2023
Machine Hours	4942	4400	3875	3355
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	309	308	153	151
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	6	4
Sodium	ppm	0	0	9	5
Potassium	ppm	1	1	5	6



WEAR METALS

Iron	ppm	13	10	202	192
Copper	ppm	<1	<1	1	0
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	<1	4	0
Chromium	ppm	<1	<1	4	2
Molybdenum	ppm	3	3	6	5
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	9	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	149	165	2588	2752
Magnesium	ppm	19	18	29	23
Zinc	ppm	85	96	1132	1148
Phosphorus	ppm	1080	1003	1033	1056
Barium	ppm	3	0	0	7
Boron	ppm	204	169	45	40

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: 10831006
Signed: Jonathan Hester
Report Date: 16 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

