



CONSTRUCTION EQUIPMENT

SWO-068624 VOLVO A45G 352769 - DROP BOX



Sample No: VCP447535
Oil Type: {unknown}
Job No: SWO-068624



SAMPLE INFORMATION

Sample Number	VCP447535	VCP431098	VCP416653	VCP402394
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	ABNORMAL	ATTENTION

SAIIA CONSTRUCTION LLC

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BIRMINGHAM, AL

US 35207

Contact: STEPHANI BRITTON

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OIL CONDITION

Visc @ 40°C	cSt	271	266	125	125
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	6	11	7
Sodium	ppm	0	<1	10	5
Potassium	ppm	2	1	5	5



WEAR METALS

Iron	ppm	86	94	537	440
Copper	ppm	3	2	11	8
Lead	ppm	<1	0	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	1	5	<1
Chromium	ppm	<1	1	7	5
Molybdenum	ppm	6	6	15	13
Nickel	ppm	<1	<1	5	2
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	6	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	383	386	2348	2275
Magnesium	ppm	17	16	29	20
Zinc	ppm	220	225	1056	999
Phosphorus	ppm	1049	1034	1267	1166
Barium	ppm	4	0	0	6
Boron	ppm	109	95	81	69

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: 10831005

Signed: Jonathan Hester

Report Date: 16 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

