



CONSTRUCTION EQUIPMENT

SWO-064939 VOLVO A45G 352973 - BRAKE



Sample No: VCP426208
Oil Type: NOT GIVEN
Job No: SWO-064939



SAMPLE INFORMATION

Sample Number	VCP426208	VCP404587	VCP405256	VCP393727
Sample Date	24 Aug 2023	06 Jun 2023	21 Mar 2023	20 Dec 2022
Machine Hours	3044	2472	2001	1655
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	40.3	40.3	46.3	40.6
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CONTAMINATION

Silicon	ppm	17	17	17	16
Sodium	ppm	7	10	11	10
Potassium	ppm	2	<1	<1	2



WEAR METALS

Iron	ppm	21	17	14	10
Copper	ppm	241	188	165	147
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	1	<1	1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	4	3	2	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3410	3649	3754	3907
Magnesium	ppm	5	10	11	8
Zinc	ppm	1441	1636	1593	1644
Phosphorus	ppm	1243	1346	1322	1294
Barium	ppm	0	0	0	0
Boron	ppm	117	114	132	111

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: 10630559
Signed: Don Baldrige
Report Date: 05 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

