



CONSTRUCTION EQUIPMENT

SWO 064668 VOLVO A45G 352639 - BRAKE



Sample No: VCP416368
Oil Type: NOT GIVEN
Job No: SWO 064668



SAMPLE INFORMATION

Sample Number	VCP416368	VCP410480	VCP395370	VCP388297
Sample Date	07 Aug 2023	12 May 2023	17 Feb 2023	08 Nov 2022
Machine Hours	4377	3923	3418	2948
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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OIL CONDITION

Visc @ 40°C	cSt	43.9	39.9	40.2	39.6
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CONTAMINATION

Silicon	ppm	16	20	19	17
Sodium	ppm	4	9	9	10
Potassium	ppm	2	1	0	0



WEAR METALS

Iron	ppm	17	27	29	26
Copper	ppm	155	200	189	177
Lead	ppm	0	0	2	3
Tin	ppm	0	0	0	<1
Aluminum	ppm	3	2	1	2
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	3	0	0	<1
Nickel	ppm	5	7	6	6
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3082	3219	3188	3244
Magnesium	ppm	22	6	16	8
Zinc	ppm	1336	1433	1330	1411
Phosphorus	ppm	1190	1218	1152	1162
Barium	ppm	2	0	0	0
Boron	ppm	111	111	121	115

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: 10603717
Signed: Sean Felton
Report Date: 15 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

