



CONSTRUCTION EQUIPMENT

SWO-066002 VOLVO A45G 352134 - BRAKE



Sample No: VCP431974
Oil Type: NOT GIVEN
Job No: SWO-066002



SAMPLE INFORMATION

Sample Number	VCP431974	VCP417946	VCP414103	VCP401934
Sample Date	26 Sep 2023	31 Jul 2023	31 May 2023	04 Apr 2023
Machine Hours	8228	7719	7234	6763
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	N/A
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	46.9	48.2	47.2	47.1
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CONTAMINATION

Silicon	ppm	20	23	19	20
Sodium	ppm	3	<1	3	3
Potassium	ppm	0	1	0	0



WEAR METALS

Iron	ppm	91	86	62	61
Copper	ppm	165	181	169	181
Lead	ppm	1	<1	<1	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	7	7	6	5
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	5	6	5	5
Nickel	ppm	4	4	4	3
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2549	2759	2799	2745
Magnesium	ppm	34	33	34	34
Zinc	ppm	1205	1193	1217	1154
Phosphorus	ppm	1042	1079	1061	1031
Barium	ppm	0	0	0	0
Boron	ppm	82	101	75	78

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: 10671441
Signed: Don Baldrige
Report Date: 01 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

