



CONSTRUCTION EQUIPMENT

SWO-064854 VOLVO A45G 352702 - TANK BRAKE



Sample No: VCP427493
Oil Type: NOT GIVEN
Job No: SWO-064854



SAMPLE INFORMATION

Sample Number	VCP427493	VCP408944	VCP393669	VCP384861
Sample Date	15 Aug 2023	18 May 2023	20 Dec 2022	23 Sep 2022
Machine Hours	3389	2923	2406	1971
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

4400 LEWISBURG RD
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OIL CONDITION

Visc @ 40°C	cSt	38.8	39.9	39.9	39.7
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CONTAMINATION

Silicon	ppm	20	19	18	22
Sodium	ppm	12	12	11	11
Potassium	ppm	<1	1	2	3



WEAR METALS

Iron	ppm	24	18	13	16
Copper	ppm	123	101	89	85
Lead	ppm	<1	1	0	<1
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	2	0	<1	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	6	6	4	3
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3718	3739	3800	4214
Magnesium	ppm	10	11	9	10
Zinc	ppm	1571	1610	1605	1810
Phosphorus	ppm	1314	1265	1270	1525
Barium	ppm	0	0	0	0
Boron	ppm	141	119	108	133

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: 10617653
Signed: Jonathan Hester
Report Date: 25 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

