



CONSTRUCTION EQUIPMENT

10-1487422 VOLVO A45G 352973 - TRANSMISSION (AUTO)



Sample No: VCP433868

Oil Type: {unknown}

Job No: 10-1487422



SAMPLE INFORMATION

Sample Number	VCP433868	VCP427496	VCP405905	VCP405236
Sample Date	08 Nov 2023	24 Aug 2023	06 Jun 2023	21 Mar 2023
Machine Hours	3521	3044	2472	2001
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL



SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	27.7	27.7	27.9	29.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	6	3	6
Sodium	ppm	4	2	2	3
Potassium	ppm	<1	1	3	2



WEAR METALS

Iron	ppm	28	26	16	14
Copper	ppm	12	11	6	8
Lead	ppm	0	0	0	0
Tin	ppm	1	2	<1	<1
Aluminum	ppm	9	9	7	5
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	2	2	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	85	105	87	71
Magnesium	ppm	4	4	3	1
Zinc	ppm	5	15	<1	6
Phosphorus	ppm	181	194	177	201
Barium	ppm	0	0	0	0
Boron	ppm	73	89	81	94

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: 10750913
Signed: Sean Felton
Report Date: 21 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

