



CONSTRUCTION EQUIPMENT

SWO-072452 VOLVO A30G 752677 - TRANSMISSION (AUTO)



Sample No: VCP440070
Oil Type: VOLVO AT 102
Job No: SWO-072452



SAMPLE INFORMATION

Sample Number	VCP440070	VCP438620	VCP435992	VCP433843
Sample Date	05 Jun 2024	07 Mar 2024	16 Nov 2023	18 Sep 2023
Machine Hours	3335	2834	2403	1919
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	28.9	27.8	30.7	28.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	5	7	6
Sodium	ppm	4	2	0	3
Potassium	ppm	5	0	2	<1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	16	13	11	13
Copper	ppm	8	5	5	6
Lead	ppm	4	0	0	0
Tin	ppm	4	3	2	2
Aluminum	ppm	12	13	11	11
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	2	0	0	0
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	50	55	73	67
Magnesium	ppm	<1	0	<1	2
Zinc	ppm	0	0	0	0
Phosphorus	ppm	142	176	208	192
Barium	ppm	0	0	0	0
Boron	ppm	70	84	101	89

Depot: SAIBIR
Unique No: 11074433
Signed: Don Baldrige
Report Date: 13 Jun 2024



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GRAPHS

