



CONSTRUCTION EQUIPMENT

SWO-070332 VOLVO A45G 352705 - TRANSMISSION (AUTO)



Sample No: VCP452406
Oil Type: VOLVO AT 102
Job No: SWO-070332



SAMPLE INFORMATION

Sample Number	VCP452406	VCP431025	VCP411896	VCP402775
Sample Date	12 Mar 2024	17 Nov 2023	09 Aug 2023	14 Apr 2023
Machine Hours	5950	5454	4958	4480
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	27.8	28.0	28.8	28.56
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CONTAMINATION

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

Diagnosis

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



WEAR METALS

Iron	ppm	14	14	11	9
Copper	ppm	6	7	5	3
Lead	ppm	0	0	0	0
Tin	ppm	0	1	1	<1
Aluminum	ppm	4	5	5	3
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	98	89	96	78
Magnesium	ppm	9	4	7	3
Zinc	ppm	17	2	15	0
Phosphorus	ppm	143	173	174	164
Barium	ppm	0	0	2	0
Boron	ppm	73	84	86	77

Depot: SAIBIR
Unique No: 10930053
Signed: Don Baldrige
Report Date: 20 Mar 2024



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GRAPHS

