



CONSTRUCTION EQUIPMENT

SWO-065667 VOLVO A45G 352708 - TRANSMISSION (AUTO)



Sample No: VCP428981
Oil Type: NOT GIVEN
Job No: SWO-065667



SAMPLE INFORMATION

Sample Number	VCP428981	VCP424606	VCP392557	VCP369292
Sample Date	11 Sep 2023	06 Jul 2023	24 Mar 2023	08 Nov 2022
Machine Hours	4418	3920	3429	2956
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	30.2	28.6	30.5	28.6
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CONTAMINATION

Silicon	ppm	13	4	4	5
Sodium	ppm	4	2	2	2
Potassium	ppm	<1	<1	4	0



WEAR METALS

Iron	ppm	11	11	8	14
Copper	ppm	6	9	7	12
Lead	ppm	0	0	0	0
Tin	ppm	1	1	<1	2
Aluminum	ppm	14	6	4	6
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	1	1	<1	2
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	79	65	71	72
Magnesium	ppm	4	0	5	<1
Zinc	ppm	1	0	0	0
Phosphorus	ppm	215	190	200	196
Barium	ppm	0	0	0	0
Boron	ppm	100	82	88	93

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: SAIBIR
Unique No: 10647782
Signed: Jonathan Hester
Report Date: 19 Sep 2023



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VOLVO GRAPHS

