



CONSTRUCTION EQUIPMENT

SWO-067654 VOLVO A45G 352708 - TRANSMISSION (AUTO)



Sample No: VCP428895
Oil Type: NOT GIVEN
Job No: SWO-067654



SAMPLE INFORMATION

Sample Number	VCP428895	VCP428981	VCP424606	VCP392557
Sample Date	20 Nov 2023	11 Sep 2023	06 Jul 2023	24 Mar 2023
Machine Hours	4925	4418	3920	3429
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	28.5	30.2	28.6	30.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	13	4	4
Sodium	ppm	4	4	2	2
Potassium	ppm	2	<1	<1	4



WEAR METALS

Iron	ppm	7	11	11	8
Copper	ppm	8	6	9	7
Lead	ppm	0	0	0	0
Tin	ppm	2	1	1	<1
Aluminum	ppm	5	14	6	4
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	1	1	1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	76	79	65	71
Magnesium	ppm	2	4	0	5
Zinc	ppm	0	1	0	0
Phosphorus	ppm	194	215	190	200
Barium	ppm	0	0	0	0
Boron	ppm	84	100	82	88

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.

Depot: SAIBIR
Unique No: 10756052
Signed: Sean Felton
Report Date: 28 Nov 2023



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GRAPHS

