



CONSTRUCTION EQUIPMENT

SWO071176 VOLVO A45G 352734 - TRANSMISSION (AUTO)



Sample No: VCP434416

Oil Type: DEXRON III

Job No: SWO071176



SAMPLE INFORMATION

Sample Number	VCP434416	VCP427322	VCP290238	VCP382597
Sample Date	12 Apr 2024	21 Aug 2023	17 Jul 2023	27 Apr 2023
Machine Hours	4585	3997	3875	3463
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL



SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	28.9	29.0	28.5	28.6
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CONTAMINATION

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



WEAR METALS

Iron	ppm	10	8	79	64
Copper	ppm	8	4	52	44
Lead	ppm	1	0	0	0
Tin	ppm	2	0	4	3
Aluminum	ppm	3	4	4	1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	2	0	0	<1
Nickel	ppm	2	0	8	6
Titanium	ppm	<1	0	<1	0
Silver	ppm	<1	0	0	0
Manganese	ppm	1	<1	2	1
Vanadium	ppm	<1	0	<1	0



ADDITIVES

Calcium	ppm	75	76	105	82
Magnesium	ppm	3	4	3	4
Zinc	ppm	6	2	205	177
Phosphorus	ppm	194	186	182	162
Barium	ppm	<1	0	0	0
Boron	ppm	97	100	29	43

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.

Depot: SAIBIR
Unique No: 10982506
Signed: Doug Bogart
Report Date: 19 Apr 2024



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GRAPHS

