



CONSTRUCTION EQUIPMENT

VOLVO A45G 352071 - TRANSMISSION (AUTO)



Sample No: VCP427480

Oil Type: DEXRON III

Job No:



SAMPLE INFORMATION

Sample Number	VCP427480	VCP413181	VCP382587	VCP397716
Sample Date	09 Oct 2023	12 Jul 2023	12 Apr 2023	09 Dec 2022
Machine Hours	7028	6523	6049	5545
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	29.4	28.9	28.5	28.6
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CONTAMINATION

Silicon	ppm	3	2	2	2
Sodium	ppm	0	1	2	2
Potassium	ppm	2	0	0	0



WEAR METALS

Iron	ppm	6	8	8	11
Copper	ppm	5	6	5	10
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	<1	1
Aluminum	ppm	2	4	1	4
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	1	<1	<1	<1
Nickel	ppm	<1	<1	<1	1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	92	88	108	71
Magnesium	ppm	8	8	5	1
Zinc	ppm	6	8	13	0
Phosphorus	ppm	201	206	200	175
Barium	ppm	0	0	0	0
Boron	ppm	105	101	93	85

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: 10709677

Signed: Sean Felton

Report Date: 25 Oct 2023



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GRAPHS

