



CONSTRUCTION EQUIPMENT

VOLVO A60H 340039 - TRANSMISSION



Sample No: VCP442663

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP442663	VCP431114	VCP410910	VCP366103
Sample Date	18 Jan 2024	27 Sep 2023	20 Jun 2023	29 Nov 2022
Machine Hours	8521	8052	7542	7061
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	88.6	82.0	84.7	80.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	5	6
Sodium	ppm	4	2	2	3
Potassium	ppm	<1	0	0	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	2	4	6	8
Copper	ppm	<1	2	2	5
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	2	3	1	4
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	39	43	49	55
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	1	1	2
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1445	1459	1740	1576
Magnesium	ppm	464	480	547	508
Zinc	ppm	957	954	1124	961
Phosphorus	ppm	798	835	970	834
Barium	ppm	<1	0	0	0
Boron	ppm	81	96	123	157

Depot: SAIBIR

Unique No: 10848690

Signed: Jonathan Hester

Report Date: 30 Jan 2024



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GRAPHS

