



CONSTRUCTION EQUIPMENT

SWO-071951 VOLVO L70H 624496 - TRANSMISSION (AUTO)



Sample No: VCP450985
Oil Type: DEXRON III
Job No: SWO-071951



SAMPLE INFORMATION

Sample Number	VCP450985	VCP446678	VCP389326	VCP380961
Sample Date	16 May 2024	06 Feb 2024	18 Aug 2023	20 Dec 2022
Machine Hours	2440	1950	1443	937
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	28.7	33.4	29.7	29.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	15	14	13
Sodium	ppm	5	0	3	4
Potassium	ppm	3	2	<1	<1

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	155	125	105	85
Copper	ppm	12	10	7	6
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	2	<1	2	<1
Chromium	ppm	1	1	<1	<1
Molybdenum	ppm	2	1	0	<1
Nickel	ppm	1	1	<1	<1
Titanium	ppm	<1	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	13	11	10	9
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	94	75	107	69
Magnesium	ppm	4	3	4	3
Zinc	ppm	143	101	123	104
Phosphorus	ppm	265	234	232	200
Barium	ppm	<1	0	<1	0
Boron	ppm	51	47	44	44

Depot: SAIBIR
Unique No: 11036102
Signed: Sean Felton
Report Date: 22 May 2024



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GRAPHS

