



CONSTRUCTION EQUIPMENT

SWO-068735 VOLVO L120H 632828 - REAR AXLE



Sample No: VCP435530
Oil Type: {unknown}
Job No: SWO-068735



SAMPLE INFORMATION

Sample Number	VCP435530	VCP434039	VCP412970	VCP395367
Sample Date	05 Jan 2024	04 Oct 2023	30 May 2023	20 Feb 2023
Machine Hours	4372	3901	3418	2946
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	56.4	51.6	54.9	52.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	19	16	19	16
Sodium	ppm	0	8	9	8
Potassium	ppm	2	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	104	169	161	151
Copper	ppm	3	8	7	5
Lead	ppm	<1	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	<1	3	<1
Chromium	ppm	2	3	3	2
Molybdenum	ppm	5	5	6	6
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	5	7	7	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3711	3272	3526	3253
Magnesium	ppm	52	40	39	43
Zinc	ppm	1510	1363	1411	1256
Phosphorus	ppm	1200	1177	1162	1039
Barium	ppm	2	0	0	0
Boron	ppm	146	108	114	125

Depot: SAIBIR
Unique No: 10830989
Signed: Jonathan Hester
Report Date: 16 Jan 2024



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VOLVO GRAPHS

