



CONSTRUCTION EQUIPMENT

SW1027198 HYDRO ALUM VOLVO L60H 62256 - FRONT AXLE



Sample No: VCP413047
Oil Type: VOLVO WB 102
Job No: SW1027198 HYDRO ALUM



SAMPLE INFORMATION

Sample Number	VCP413047	VCP417384	VCP381511	VCP370748
Sample Date	05 Dec 2023	14 Aug 2023	13 Apr 2023	13 Dec 2022
Machine Hours	6012	5326	4627	3800
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Chngd	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	44.3	46.3	41.8	42.36
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	11	12	16
Sodium	ppm	3	3	9	2
Potassium	ppm	0	0	0	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	75	60	107	252
Copper	ppm	0	0	<1	1
Lead	ppm	<1	0	0	<1
Tin	ppm	0	0	0	2
Aluminum	ppm	<1	0	1	3
Chromium	ppm	1	1	3	3
Molybdenum	ppm	<1	0	2	<1
Nickel	ppm	0	<1	0	1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	4	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3750	3682	3403	74
Magnesium	ppm	21	20	23	9
Zinc	ppm	1548	1466	1437	60
Phosphorus	ppm	1271	1160	1092	1762
Barium	ppm	0	0	0	0
Boron	ppm	105	107	116	53

Depot: VOLVO6174
Unique No: 10782317
Signed: Wes Davis
Report Date: 13 Dec 2023



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GRAPHS

