



CONSTRUCTION EQUIPMENT

SW1022825 HYDRO ALUM VOLVO L60H 62256 - FRONT AXLE



Sample No: VCP417384
Oil Type: Axle Oil
Job No: SW1022825 HYDRO ALUM



SAMPLE INFORMATION

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

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OIL CONDITION

Visc @ 40°C	cSt	46.3	41.8	42.36	---
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CONTAMINATION

Silicon	ppm	11	12	16	---
Sodium	ppm	3	9	2	---
Potassium	ppm	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	60	107	252	---
Copper	ppm	0	<1	1	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	2	---
Aluminum	ppm	0	1	3	---
Chromium	ppm	1	3	3	---
Molybdenum	ppm	0	2	<1	---
Nickel	ppm	<1	0	1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	4	8	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3682	3403	74	---
Magnesium	ppm	20	23	9	---
Zinc	ppm	1466	1437	60	---
Phosphorus	ppm	1160	1092	1762	---
Barium	ppm	0	0	0	---
Boron	ppm	107	116	53	---

Depot: VOLVO6174
Unique No: 10608434
Signed: Don Baldrige
Report Date: 21 Aug 2023



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GRAPHS

