



CONSTRUCTION EQUIPMENT

SW1022825 HYDRO ALUM VOLVO L60H 62256 - REAR AXLE



Sample No: VCP417385
Oil Type: VOLVO WB 102
Job No: SW1022825 HYDRO ALUM



SAMPLE INFORMATION

Sample Number	VCP417385	VCP397936	---	---
Sample Date	14 Aug 2023	13 Apr 2023	---	---
Machine Hours	5326	4627	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	44.8	43.4	---	---
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CONTAMINATION

Silicon	ppm	11	13	---	---
Sodium	ppm	3	10	---	---
Potassium	ppm	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	49	194	---	---
Copper	ppm	3	8	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	2	---	---
Chromium	ppm	<1	3	---	---
Molybdenum	ppm	0	3	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3579	3299	---	---
Magnesium	ppm	20	20	---	---
Zinc	ppm	1452	1410	---	---
Phosphorus	ppm	1157	1089	---	---
Barium	ppm	0	0	---	---
Boron	ppm	105	110	---	---

Depot: VOLVO6174
Unique No: 10608433
Signed: Wes Davis
Report Date: 21 Aug 2023



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GRAPHS

