



CONSTRUCTION EQUIPMENT

688272 ATLAS ORGANIC VOLVO L120H 632550 - FRONT AXLE



Sample No: VCP455038
Oil Type: VOLVO WB 102
Job No: 688272 ATLAS ORGANIC



SAMPLE INFORMATION

Sample Number	VCP455038	VCP417618	---	---
Sample Date	08 Mar 2024	30 Jun 2023	---	---
Machine Hours	8704	7690	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	42.5	44.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	17	10	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	2	2	---	---

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	118	125	---	---
Copper	ppm	2	2	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	6	2	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	3	4	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3614	2733	---	---
Magnesium	ppm	29	12	---	---
Zinc	ppm	1439	1238	---	---
Phosphorus	ppm	1139	997	---	---
Barium	ppm	1	0	---	---
Boron	ppm	105	37	---	---

Depot: VOLVO0096
Unique No: 10941418
Signed: Wes Davis
Report Date: 26 Mar 2024



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GRAPHS

