



CONSTRUCTION EQUIPMENT

728858 ATLAS ORGANIC VOLVO L120H 632572 - REAR AXLE



Sample No: VCP443904
Oil Type: VOLVO WB 102
Job No: 728858 ATLAS ORGANIC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP443904	VCP416910	---	---
Sample Date	11 Jun 2024	27 Sep 2023	---	---
Machine Hours	11039	9971	---	---
Oil Hours	1500	4000	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	43.4	46.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	16	11	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	2	2	---	---



WEAR METALS

Iron	ppm	76	141	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	1	2	---	---
Nickel	ppm	<1	1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3838	2441	---	---
Magnesium	ppm	24	9	---	---
Zinc	ppm	1570	1162	---	---
Phosphorus	ppm	1272	1003	---	---
Barium	ppm	0	10	---	---
Boron	ppm	139	30	---	---

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.

Depot: VOLVO0093
Unique No: 11127029
Signed: Wes Davis
Report Date: 17 Jul 2024



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GRAPHS

