



CONSTRUCTION EQUIPMENT

ATLAS ORGANIC VOLVO L70H 624670 - REAR AXLE



Sample No: VCP445536
Oil Type: VOLVO WB 102
Job No: ATLAS ORGANIC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP445536	VCP414747	---	---
Sample Date	10 Apr 2024	18 Sep 2023	---	---
Machine Hours	3021	1989	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	42.4	40.7	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	14	---	---
Sodium	ppm	0	9	---	---
Potassium	ppm	2	1	---	---



WEAR METALS

Iron	ppm	29	85	---	---
Copper	ppm	6	<1	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	8	---	---
Chromium	ppm	1	4	---	---
Molybdenum	ppm	1	17	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	12	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	4077	3878	---	---
Magnesium	ppm	19	15	---	---
Zinc	ppm	1682	1660	---	---
Phosphorus	ppm	1328	1369	---	---
Barium	ppm	0	0	---	---
Boron	ppm	136	132	---	---

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: 11083369
Signed: Wes Davis
Report Date: 17 Jun 2024



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GRAPHS

