



CONSTRUCTION EQUIPMENT

647199 ATLAS ORG VOLVO L70H 623753 - FRONT AXLE



Sample No: VCP432902
Oil Type: VOLVO WB 102
Job No: 647199 ATLAS ORG



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP432902	VCP425065	---	---
Sample Date	21 Dec 2023	29 Jun 2023	---	---
Machine Hours	8081	6718	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	41.9	39.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	10	15	---	---
Sodium	ppm	2	7	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	44	177	---	---
Copper	ppm	1	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	6	---	---
Molybdenum	ppm	7	15	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	13	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	3065	3778	---	---
Magnesium	ppm	12	13	---	---
Zinc	ppm	1380	1558	---	---
Phosphorus	ppm	1217	1299	---	---
Barium	ppm	0	0	---	---
Boron	ppm	102	141	---	---

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: VOLVO0096
Unique No: 10808681
Signed: Jonathan Hester
Report Date: 04 Jan 2024



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GRAPHS

