



CONSTRUCTION EQUIPMENT

ATLAS ORGANICS VOLVO L70H 624676 - FRONT AXLE



Sample No: VCP411606
Oil Type: VOLVO WB 101
Job No: ATLAS ORGANICS



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SAMPLE INFORMATION

Sample Number	VCP411606	VCP355086	---	---
Sample Date	14 Aug 2023	20 Jun 2022	---	---
Machine Hours	2061	428	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	40.6	40.6	---	---
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CONTAMINATION

Silicon	ppm	18	21	---	---
Sodium	ppm	10	11	---	---
Potassium	ppm	1	3	---	---



WEAR METALS

Iron	ppm	92	51	---	---
Copper	ppm	<1	2	---	---
Lead	ppm	<1	1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	4	3	---	---
Molybdenum	ppm	12	12	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	2	---	---
Manganese	ppm	12	10	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	3900	4783	---	---
Magnesium	ppm	16	14	---	---
Zinc	ppm	1622	1953	---	---
Phosphorus	ppm	1259	1576	---	---
Barium	ppm	0	0	---	---
Boron	ppm	141	164	---	---

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: 10615345
Signed: Wes Davis
Report Date: 22 Aug 2023



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GRAPHS

