



# CONSTRUCTION EQUIPMENT

ATLAS ORGANICS VOLVO L70H 624288 - REAR AXLE



**Sample No:** VCP437539  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** ATLAS ORGANICS



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
 8418 PALM RIVER ROAD  
 TAMPA, FL  
 US 33619  
 Contact: KENNY HANEY  
 khaney@flaglerce.com  
 T: (813)630-0077  
 F: (813)630-2233



## SAMPLE INFORMATION

Sample Number	<b>VCP437539</b>	VCP411610	VCP355081	---
Sample Date	<b>21 Jun 2024</b>	16 Aug 2023	20 Jun 2022	---
Machine Hours	<b>3537</b>	2287	925	---
Oil Hours	<b>0</b>	0	925	---
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---



## OIL CONDITION

Visc @ 40°C	cSt	<b>41.8</b>	39.8	39.7	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>14</b>	12	14	---
Sodium	ppm	<b>3</b>	12	10	---
Potassium	ppm	<b>0</b>	2	3	---



## WEAR METALS

Iron	ppm	<b>39</b>	76	61	---
Copper	ppm	<b>6</b>	30	<1	---
Lead	ppm	<b>0</b>	<1	<1	---
Tin	ppm	<b>0</b>	2	0	---
Aluminum	ppm	<b>&lt;1</b>	2	1	---
Chromium	ppm	<b>1</b>	3	3	---
Molybdenum	ppm	<b>&lt;1</b>	3	12	---
Nickel	ppm	<b>0</b>	<1	0	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>2</b>	7	10	---
Vanadium	ppm	<b>0</b>	<1	0	---



## ADDITIVES

Calcium	ppm	<b>3968</b>	3901	4486	---
Magnesium	ppm	<b>19</b>	4	13	---
Zinc	ppm	<b>1538</b>	1630	1834	---
Phosphorus	ppm	<b>1233</b>	1328	1487	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>125</b>	132	155	---

## 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:** 11099826  
**Signed:** Wes Davis  
**Report Date:** 27 Jun 2024



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## GRAPHS

