



CONSTRUCTION EQUIPMENT

687904 ATLAS ORGANIC VOLVO L70H 624676 - REAR AXLE



Sample No: VCP440051
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 687904 ATLAS ORGANIC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP440051	VCP425016	VCP355085	---
Sample Date	15 Mar 2024	14 Aug 2023	20 Jun 2022	---
Machine Hours	3027	2061	428	---
Oil Hours	2000	0	428	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	42.3	40.0	41.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	19	26	21	---
Sodium	ppm	2	12	11	---
Potassium	ppm	0	1	3	---



WEAR METALS

Iron	ppm	53	115	51	---
Copper	ppm	7	<1	<1	---
Lead	ppm	<1	0	<1	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	1	2	1	---
Chromium	ppm	1	5	3	---
Molybdenum	ppm	<1	12	13	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	13	10	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	4435	5432	4757	---
Magnesium	ppm	22	19	13	---
Zinc	ppm	1822	2359	1945	---
Phosphorus	ppm	1430	1845	1562	---
Barium	ppm	0	0	0	---
Boron	ppm	134	179	163	---

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: 10976322
Signed: Wes Davis
Report Date: 12 Apr 2024



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GRAPHS

