



CONSTRUCTION EQUIPMENT

702725 ATLAS ORG VOLVO L70H 624660 - REAR AXLE



Sample No: VCP438833
Oil Type: VOLVO WB 102
Job No: 702725 ATLAS ORG



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP438833	VCP440127	VCP414665	---
Sample Date	24 Apr 2024	24 Apr 2024	19 Sep 2023	---
Machine Hours	2978	2978	2014	---
Oil Hours	2978	2978	0	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	---	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	42.0	42.1	40.5	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	15	13	23	---
Sodium	ppm	0	<1	10	---
Potassium	ppm	3	2	2	---



WEAR METALS

Iron	ppm	35	34	119	---
Copper	ppm	17	1	117	---
Lead	ppm	<1	<1	1	---
Tin	ppm	2	<1	14	---
Aluminum	ppm	1	1	6	---
Chromium	ppm	1	1	5	---
Molybdenum	ppm	<1	2	4	---
Nickel	ppm	<1	<1	1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	<1	<1	0	---
Manganese	ppm	2	3	16	---
Vanadium	ppm	<1	<1	0	---



ADDITIVES

Calcium	ppm	4100	4011	4110	---
Magnesium	ppm	18	16	14	---
Zinc	ppm	1696	1663	1755	---
Phosphorus	ppm	1464	1432	1437	---
Barium	ppm	0	0	0	---
Boron	ppm	149	145	140	---

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: 11036601
Signed: Wes Davis
Report Date: 22 May 2024



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GRAPHS

