



CONSTRUCTION EQUIPMENT

687947 ATLAS ORG VOLVO L70H 623753 - REAR AXLE



Sample No: VCP455081
Oil Type: VOLVO WB 102
Job No: 687947 ATLAS ORG



SAMPLE INFORMATION

Sample Number	VCP455081	VCP432904	VCP425061	---
Sample Date	13 Mar 2024	21 Dec 2023	29 Jun 2023	---
Machine Hours	8707	8081	6718	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	43.0	44.1	39.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	17	19	---
Sodium	ppm	0	0	7	---
Potassium	ppm	2	1	1	---

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.



WEAR METALS

Iron	ppm	27	122	258	---
Copper	ppm	4	9	29	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	<1	3	---
Aluminum	ppm	2	1	<1	---
Chromium	ppm	<1	2	8	---
Molybdenum	ppm	4	6	5	---
Nickel	ppm	<1	<1	2	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	13	---
Vanadium	ppm	<1	0	<1	---



ADDITIVES

Calcium	ppm	3927	3839	3957	---
Magnesium	ppm	37	41	13	---
Zinc	ppm	1553	1597	1622	---
Phosphorus	ppm	1130	1286	1325	---
Barium	ppm	0	0	0	---
Boron	ppm	123	139	148	---

Depot: VOLVO0096
Unique No: 10938164
Signed: Wes Davis
Report Date: 21 Mar 2024



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GRAPHS

