



CONSTRUCTION EQUIPMENT

9123 VOLVO L70H 622302 - REAR AXLE



Sample No: VCP408853
Oil Type: VOLVO WB 102
Job No: 9123



SAMPLE INFORMATION

Sample Number	VCP408853	VCP317742	VCP274556	---
Sample Date	30 Aug 2023	19 Aug 2021	18 May 2020	---
Machine Hours	8734	6335	4416	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

RELIABLE CONTRACTING
 2410 EVERGREEN RD SUITE 200
 GAMBRILLS, MD
 US 21054
 Contact: RUSSELL HATFIELD
 RHATFIELD@RELIABLECONTRACTING.COM
 T: (410)987-1851
 F:



OIL CONDITION

Visc @ 40°C	cSt	44.0	40.5	40.0	---
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CONTAMINATION

Silicon	ppm	11	9	14	---
Sodium	ppm	7	4	3	---
Potassium	ppm	0	<1	3	---

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	24	35	94	---
Copper	ppm	5	15	83	---
Lead	ppm	0	0	1	---
Tin	ppm	<1	2	3	---
Aluminum	ppm	2	0	2	---
Chromium	ppm	<1	1	4	---
Molybdenum	ppm	3	13	4	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	2	6	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3698	3398	4263	---
Magnesium	ppm	103	58	14	---
Zinc	ppm	1593	1388	1665	---
Phosphorus	ppm	1273	1151	1272	---
Barium	ppm	0	0	<1	---
Boron	ppm	123	133	117	---

Depot: RELMIL
Unique No: 10635505
Signed: Wes Davis
Report Date: 08 Sep 2023



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GRAPHS

