



CONSTRUCTION EQUIPMENT

VOLVO L90H 625046 - REAR AXLE



Sample No: VCP417323
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP417323	VCP351198	VCP293532	---
Sample Date	12 Jun 2023	28 Jan 2022	09 Dec 2020	---
Machine Hours	3112	2000	957	---
Oil Hours	0	2000	957	---
Oil Changed	Not Chngd	Changed	Not Chngd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: ROBERT TURNER
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 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	42.4	39.6	39.6	---
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CONTAMINATION

Silicon	ppm	13	14	10	---
Sodium	ppm	6	5	2	---
Potassium	ppm	0	0	2	---

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	22	87	47	---
Copper	ppm	0	12	11	---
Lead	ppm	0	1	<1	---
Tin	ppm	0	1	<1	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	<1	5	3	---
Molybdenum	ppm	2	4	3	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	9	6	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	3580	4076	4112	---
Magnesium	ppm	17	16	10	---
Zinc	ppm	1545	1552	1540	---
Phosphorus	ppm	1211	1359	1338	---
Barium	ppm	0	0	0	---
Boron	ppm	119	130	126	---

Depot: RIPTAM
Unique No: 10552315
Signed: Wes Davis
Report Date: 13 Jul 2023



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GRAPHS

