



CONSTRUCTION EQUIPMENT

VOLVO L90H 624818 - REAR AXLE



Sample No: VCP411636
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP411636	VCP313202	VCP293894	---
Sample Date	05 Jun 2023	14 Oct 2021	08 Dec 2020	---
Machine Hours	3023	2055	983	---
Oil Hours	0	1500	983	---
Oil Changed	Not Chngd	Not Chngd	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	40.5	40.6	39.8	---
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CONTAMINATION

Silicon	ppm	14	15	11	---
Sodium	ppm	5	0	<1	---
Potassium	ppm	0	2	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	105	92	49	---
Copper	ppm	61	47	39	---
Lead	ppm	0	<1	<1	---
Tin	ppm	6	4	3	---
Aluminum	ppm	1	1	<1	---
Chromium	ppm	4	4	2	---
Molybdenum	ppm	6	6	4	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	1	<1	---
Manganese	ppm	11	11	8	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	3907	4363	4240	---
Magnesium	ppm	11	13	10	---
Zinc	ppm	1651	1647	1568	---
Phosphorus	ppm	1330	1409	1350	---
Barium	ppm	0	0	0	---
Boron	ppm	132	143	131	---

Depot: RIPTAM
Unique No: 10552309
Signed: Wes Davis
Report Date: 13 Jul 2023



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VOLVO GRAPHS

