



CONSTRUCTION EQUIPMENT

VOLVO L90H 625060 - REAR AXLE



Sample No: VCP417653
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP417653	VCP300164	---	---
Sample Date	25 Aug 2023	11 Feb 2021	---	---
Machine Hours	2836	914	---	---
Oil Hours	0	914	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: ROBERT TURNER
 rturner@ripatampa.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	41.9	41.8	---	---
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CONTAMINATION

Silicon	ppm	25	15	---	---
Sodium	ppm	9	7	---	---
Potassium	ppm	0	1	---	---

WEAR METALS

Iron	ppm	75	78	---	---
Copper	ppm	<1	11	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	2	4	---	---
Molybdenum	ppm	2	4	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	4	8	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	4063	4309	---	---
Magnesium	ppm	5	15	---	---
Zinc	ppm	1503	1640	---	---
Phosphorus	ppm	1271	1405	---	---
Barium	ppm	0	0	---	---
Boron	ppm	127	133	---	---

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: RIPTAM
Unique No: 10655603
Signed: Wes Davis
Report Date: 20 Sep 2023



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GRAPHS

