



CONSTRUCTION EQUIPMENT

VOLVO A40G 342197 - REAR AXLE



Sample No: VCP411996
Oil Type: VOLVO
Job No:



SAMPLE INFORMATION

Sample Number	VCP411996	---	---	---
Sample Date	01 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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	█ 250	---	---	---
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CONTAMINATION

Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 54	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	183	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	85	---	---	---
Phosphorus	ppm	1042	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	176	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: RIPTAM
Unique No: 10607516
Signed: Don Baldrige
Report Date: 18 Aug 2023



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GRAPHS

