



# CONSTRUCTION EQUIPMENT

## SW-31591-2 RAMSEY VOLVO A60H 350374 - REAR AXLE



**Sample No:** VCP443092  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** SW-31591-2 RAMSEY



### SAMPLE INFORMATION

Sample Number	VCP443092	---	---	---
Sample Date	01 Apr 2024	---	---	---
Machine Hours	522	---	---	---
Oil Hours	522	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

**ARNOLD MACHINERY COMPANY**  
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 US 84119  
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### OIL CONDITION

Visc @ 40°C	cSt	● 52.1	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 0	---	---	---



### WEAR METALS

Iron	ppm	■ 155	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	■ 314	---	---	---
Magnesium	ppm	■ 1	---	---	---
Zinc	ppm	■ 146	---	---	---
Phosphorus	ppm	2319	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 276	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.

**Depot:** VOLVO8770  
**Unique No:** 10966529  
**Signed:** Don Baldrige  
**Report Date:** 10 Apr 2024



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## GRAPHS

