



# CONSTRUCTION EQUIPMENT

## A12670 WM FAIRLESS H VOLVO A35G 352110 - DROP BOX



**Sample No:** VCP439832  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** A12670 WM FAIRLESS H



### SAMPLE INFORMATION

Sample Number	VCP439832	---	---	---
Sample Date	28 May 2024	---	---	---
Machine Hours	10500	---	---	---
Oil Hours	450	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

**HOFFMAN EQUIPMENT - LIONVILLE**  
 120 GORDON DRIVE  
 LIONVILLE, PA  
 US 19341  
 Contact: DOUG BITTNER  
 doug.bittner@hoffmanequip.com  
 T:  
 F: (610)594-0829



### OIL CONDITION

Visc @ 40°C	cSt	█ 134	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---



### WEAR METALS

Iron	ppm	▲ 1747	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	▲ 24	---	---	---
Molybdenum	ppm	█ 16	---	---	---
Nickel	ppm	▲ 15	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 13	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 0	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 408	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 7	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is severe. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

**Depot:** VOLVO8879  
**Unique No:** 11056542  
**Signed:** Don Baldrige  
**Report Date:** 31 May 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

