



# CONSTRUCTION EQUIPMENT

19549 MARTIN M VOLVO A45G 353567 - REAR AXLE



**Sample No:** VCP435336  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 19549 MARTIN M



## SAMPLE INFORMATION

Sample Number	VCP435336	---	---	---
Sample Date	30 Aug 2023	---	---	---
Machine Hours	472	---	---	---
Oil Hours	472	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

117 - ASCENDUM MACHINERY INC - GREENVILLE  
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 GREENVILLE, NC  
 US 27834  
 Contact: BRANDON JENKINS  
 BRANDON.JENKINS@ASCENDUMMACHINERY.COM  
 T:  
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## OIL CONDITION

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

Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 6	---	---	---

## 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	■ 158	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 12	---	---	---
Vanadium	ppm	■ 0	---	---	---



## ADDITIVES

Calcium	ppm	■ 165	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 52	---	---	---
Phosphorus	ppm	■ 2539	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 320	---	---	---

**Depot:** VOLVO8769  
**Unique No:** 10644258  
**Signed:** Don Baldrige  
**Report Date:** 14 Sep 2023



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## GRAPHS

