



# CONSTRUCTION EQUIPMENT

19549 MARTIN M VOLVO A45G 353567 - DROP BOX



**Sample No:** VCP435338  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 19549 MARTIN M



## SAMPLE INFORMATION

Sample Number	VCP435338	---	---	---
Sample Date	30 Aug 2023	---	---	---
Machine Hours	472	---	---	---
Oil Hours	472	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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	■ 50.4	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 42	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ 14	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other metal levels are typical for a new component breaking in. 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	■ 562	---	---	---
Copper	ppm	▲ 126	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 7	---	---	---
Molybdenum	ppm	■ 53	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 11	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 52	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 402	---	---	---
Phosphorus	ppm	■ 2439	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 130	---	---	---

**Depot:** VOLVO8769  
**Unique No:** 10644283  
**Signed:** Don Baldrige  
**Report Date:** 14 Sep 2023



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## GRAPHS

