



# CONSTRUCTION EQUIPMENT

19189 MARTIN MARIETT VOLVO A45G 353480 - FRONT AXLE



**Sample No:** VCP407588  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 19189 MARTIN MARIETT



## SAMPLE INFORMATION

Sample Number	VCP407588	---	---	---
Sample Date	17 Jul 2023	---	---	---
Machine Hours	510	---	---	---
Oil Hours	510	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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 US 27834  
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 T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 51.7	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 4	---	---	---

## 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	█ 260	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 10	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 11	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 182	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 80	---	---	---
Phosphorus	ppm	2407	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 267	---	---	---

**Depot:** VOLVO8769  
**Unique No:** 10587597  
**Signed:** Doug Bogart  
**Report Date:** 06 Aug 2023



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## GRAPHS

