



CONSTRUCTION EQUIPMENT

19189 MARTIN MARIETT VOLVO A45G 353480 - BOGIE/CENTER AXLE



Sample No: VCP407590
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 19189 MARTIN MARIETT



117 - ASCENDUM MACHINERY INC - GREENVILLE
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US 27834
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SAMPLE INFORMATION

Sample Number	VCP407590	---	---	---
Sample Date	17 Jul 2023	---	---	---
Machine Hours	510	---	---	---
Oil Hours	510	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 51.3	---	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	█ 232	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 11	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 211	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 83	---	---	---
Phosphorus	ppm	2404	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 269	---	---	---

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.

Depot: VOLVO8769
Unique No: 10587559
Signed: Doug Bogart
Report Date: 06 Aug 2023



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GRAPHS

