



CONSTRUCTION EQUIPMENT

23980 VOLVO A40G 352464 - BOGIE/CENTER AXLE



Sample No: VCP435150
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 23980



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
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SAMPLE INFORMATION

Sample Number	VCP435150	---	---	---
Sample Date	09 Sep 2023	---	---	---
Machine Hours	3992	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 51.6	---	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	█ 495	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ 10	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 22	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 59	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 27	---	---	---
Phosphorus	ppm	█ 2612	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 205	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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: VOLVO3387
Unique No: 10648253
Signed: Doug Bogart
Report Date: 18 Sep 2023



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GRAPHS

