



CONSTRUCTION EQUIPMENT

24039 VOLVO A45G 352095 - BOGIE/CENTER AXLE



Sample No: VCP433895
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 24039



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
 Contact: MATT MITCHAM
 matt.mitcham@ascendummachinery.com
 T:
 F: (843)414-1129



SAMPLE INFORMATION

Sample Number	VCP433895	---	---	---
Sample Date	19 Sep 2023	---	---	---
Machine Hours	4004	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 54.0	---	---	---
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CONTAMINATION

Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 25	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 57	---	---	---
Magnesium	ppm	█ 26	---	---	---
Zinc	ppm	█ 69	---	---	---
Phosphorus	ppm	█ 2160	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 271	---	---	---

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: VOLVO3387
Unique No: 10661380
Signed: Don Baldrige
Report Date: 26 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

