



CONSTRUCTION EQUIPMENT

23807 VOLVO A40 352615 - BOGIE/CENTER AXLE



Sample No: VCP405647
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 23807



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

Sample Number	VCP405647	---	---	---
Sample Date	28 Jul 2023	---	---	---
Machine Hours	3743	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	143	---	---	---
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CONTAMINATION

Silicon	ppm	4	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	0	---	---	---



WEAR METALS

Iron	ppm	474	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	3	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	4	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	1069	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	204	---	---	---

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. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: VOLVO3387
Unique No: 10585699
Signed: Don Baldrige
Report Date: 03 Aug 2023



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GRAPHS

