



CONSTRUCTION EQUIPMENT

7162 JUNCTION CITY VOLVO A40G 752049 - REAR CENTER AXLE



Sample No: VCP333162
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: 7162 JUNCTION CITY



364 - ASCENDUM MACHINERY INC - MACON
4807 HARRISON RD
MACON, GA
US 31206
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SAMPLE INFORMATION

Sample Number	VCP333162	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	1245	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 52.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 5	---	---	---



WEAR METALS

Iron	ppm	■ 182	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 164	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 64	---	---	---
Phosphorus	ppm	■ 2387	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 293	---	---	---

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 a high amount of visible silt present in the sample. The condition of the oil is acceptable for the time in service.

Depot: ASCMAC
Unique No: 10789014
Signed: Jonathan Hester
Report Date: 21 Dec 2023



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GRAPHS

