



CONSTRUCTION EQUIPMENT

X37283 752502 - FRONT AXLE



Sample No: VCP414322
Oil Type: VOLVO 424
Job No: X37283



SAMPLE INFORMATION

Sample Number	VCP414322	---	---	---
Sample Date	16 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

SCOTT EQUIPMENT COMPANY LLC - Baton Rouge
 10160 AIRLINE HWY
 BATON ROUGE, LA
 US 70816
 Contact: BRENT CALDWELL
 bcaldwell@scottcompanies.com
 T: (225)293-3683
 F: (225)292-9658



OIL CONDITION

Visc @ 40°C	cSt	█ 90.4	---	---	---
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CONTAMINATION

Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 4	---	---	---

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.



WEAR METALS

Iron	ppm	█ 326	---	---	---
Copper	ppm	█ 29	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	12	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	10	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	719	---	---	---
Magnesium	ppm	17	---	---	---
Zinc	ppm	336	---	---	---
Phosphorus	ppm	1369	---	---	---
Barium	ppm	4	---	---	---
Boron	ppm	199	---	---	---

Depot: VOLVO6242
Unique No: 10723058
Signed: Wes Davis
Report Date: 01 Nov 2023



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GRAPHS

