



CONSTRUCTION EQUIPMENT

VOLVO NG VCP402 168 (S/N NO INFO GIVEN) - REAR AXLE



Sample No: VCP402168
Oil Type: VALVOLINE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP402168	---	---	---
Sample Date	23 May 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 2025 COOK DRIVE
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 US 24153
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OIL CONDITION

Visc @ 40°C	cSt	93.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	52	---	---	---
Sodium	ppm	6	---	---	---
Potassium	ppm	9	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	190	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	12	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	10	---	---	---
Phosphorus	ppm	1473	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	253	---	---	---

Depot: VOLVO9010
Unique No: 10484515
Signed: Jonathan Hester
Report Date: 25 May 2023



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GRAPHS

