



CONSTRUCTION EQUIPMENT

25772 VOLVO A45G 352721 - REAR AXLE



Sample No: VCP447695
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 25772



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
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SAMPLE INFORMATION

Sample Number	VCP447695	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	4065	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 49.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 293	---	---	---
Copper	ppm	█ 37	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 10	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 108	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 65	---	---	---
Phosphorus	ppm	█ 2491	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 249	---	---	---

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: 11056514
Signed: Jonathan Hester
Report Date: 31 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

