



CONSTRUCTION EQUIPMENT

W02007468 VOLVO A45G 352364 - FRONT AXLE



Sample No: VCP418754
Oil Type: MOBIL GO 102
Job No: W02007468



SAMPLE INFORMATION

Sample Number	VCP418754	---	---	---
Sample Date	28 Aug 2023	---	---	---
Machine Hours	4016	---	---	---
Oil Hours	4000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 148	---	---	---
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CONTAMINATION

Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 1	---	---	---

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	█ 92	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	42	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	43	---	---	---
Phosphorus	ppm	897	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	149	---	---	---

Depot: VOLVO0002
Unique No: 10631613
Signed: Don Baldrige
Report Date: 06 Sep 2023



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GRAPHS

