



CONSTRUCTION EQUIPMENT

W07012739 VOLVO A40G 341644 - FRONT AXLE



Sample No: VCP420340
Oil Type: MOBIL MOBILUBE HD 85W140
Job No: W07012739



SAMPLE INFORMATION

Sample Number	VCP420340	---	---	---
Sample Date	12 Jun 2023	---	---	---
Machine Hours	6003	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

McClung-Logan Virginia LLC- RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
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OIL CONDITION

Visc @ 40°C	cSt	■ 280	---	---	---
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CONTAMINATION

Silicon	ppm	■ <1	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 0	---	---	---

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	■ 115	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 5	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	■ 0	---	---	---



ADDITIVES

Calcium	ppm	■ 16	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ <1	---	---	---
Phosphorus	ppm	■ 566	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 104	---	---	---

Depot: VOLVO8882
Unique No: 10521092
Signed: Don Baldrige
Report Date: 19 Jun 2023



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GRAPHS

