



CONSTRUCTION EQUIPMENT

607581 PRIMERIS VOLVO A40G 352384 - REAR AXLE



Sample No: VCP417654
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 607581 PRIMERIS



SAMPLE INFORMATION

Sample Number	VCP417654	---	---	---
Sample Date	25 Sep 2023	---	---	---
Machine Hours	1110	---	---	---
Oil Hours	1110	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	▲ 52.0	---	---	---
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CONTAMINATION

Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 5	---	---	---



WEAR METALS

Iron	ppm	■ 457	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	■ 7	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 14	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 15	---	---	---
Magnesium	ppm	■ 1	---	---	---
Zinc	ppm	■ 12	---	---	---
Phosphorus	ppm	■ 2527	---	---	---
Barium	ppm	■ 10	---	---	---
Boron	ppm	■ 218	---	---	---

Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.

Depot: VOLVO0093
Unique No: 10709593
Signed: Sean Felton
Report Date: 25 Oct 2023



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GRAPHS

