



CONSTRUCTION EQUIPMENT

19241 VOLVO A45G 342614 - REAR RIGHT FINAL DRIVE



Sample No: VCP418908
Oil Type: NOT GIVEN
Job No: 19241



SAMPLE INFORMATION

Sample Number	VCP418908	---	---	---
Sample Date	14 Jul 2023	---	---	---
Machine Hours	3574	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 39.8	---	---	---
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CONTAMINATION

Silicon	ppm	■ 18	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis
 No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. All other 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	■ 34	---	---	---
Copper	ppm	▲ 297	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 7	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3810	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	1587	---	---	---
Phosphorus	ppm	1305	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	132	---	---	---

Depot: GLOPLE
Unique No: 10644275
Signed: Don Baldrige
Report Date: 14 Sep 2023



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GRAPHS

