



CONSTRUCTION EQUIPMENT

334519 VOLVO A25E 73267 - REAR LEFT FINAL DRIVE



Sample No: VCP297838
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: 334519



SAMPLE INFORMATION

Sample Number	VCP297838	---	---	---
Sample Date	02 Sep 2022	---	---	---
Machine Hours	16291	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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 1730 RUE DE L'HYDRO
 VAL D'OR, QC
 CA J9P 6Z2
 Contact: Stephan Constant
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	█ 103	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 184	---	---	---
Sodium	ppm	█ 16	---	---	---
Potassium	ppm	█ 9	---	---	---



WEAR METALS

Iron	ppm	█ 496	---	---	---
Copper	ppm	█ 36	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	▲ 41	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	3	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	223	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	98	---	---	---
Phosphorus	ppm	█ 1168	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 186	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Aluminum ppm levels are noted. All other component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0229
Unique No: 5450590
Signed: Kevin Marson
Report Date: 08 Sep 2022



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GRAPHS

