



CONSTRUCTION EQUIPMENT

SPM621247 SEG 30 VOLVO EC750EHR 20-710 (S/N 391003) - REAR RIGHT FINAL DRIVE



Sample No: VCP367809
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SPM621247 SEG 30



ADAMO DEMOLITION COMPANY
 320 EAST 7 MILE RD
 DETROIT, MI
 US 48203
 Contact: SERVICE MANAGER



SAMPLE INFORMATION

Sample Number	VCP367809	---	---	---
Sample Date	27 Oct 2023	---	---	---
Machine Hours	4972	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 159	---	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	◆ 372	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 21	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. 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.



WEAR METALS

Iron	ppm	◆ 2898	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	▲ 82	---	---	---
Chromium	ppm	▲ 21	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	█ 17	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 22	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 438	---	---	---
Magnesium	ppm	█ 77	---	---	---
Zinc	ppm	█ 40	---	---	---
Phosphorus	ppm	█ 1739	---	---	---
Barium	ppm	█ 10	---	---	---
Boron	ppm	█ 76	---	---	---

Depot: ADADET
Unique No: 10729176
Signed: Don Baldrige
Report Date: 09 Nov 2023



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GRAPHS

