



CONSTRUCTION EQUIPMENT

19571 LANE-BLYTHE VOLVO EC750EL 314008 - RIGHT SWING DRIVE



Sample No: VCP432728
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 19571 LANE-BLYTHE



117 - ASCENDUM MACHINERY INC - GREENVILLE
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SAMPLE INFORMATION

Sample Number	VCP432728	---	---	---
Sample Date	29 Aug 2023	---	---	---
Machine Hours	7341	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	▲ 252	---	---	---
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CONTAMINATION

Water	%	▲ 0.947	---	---	---
Silicon	ppm	■ 51	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 921	---	---	---
Copper	ppm	■ 57	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	■ 8	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 135	---	---	---
Magnesium	ppm	■ 55	---	---	---
Zinc	ppm	■ 80	---	---	---
Phosphorus	ppm	■ 433	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 43	---	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. The oil viscosity is higher than normal.

Depot: VOLVO8769
Unique No: 10644280
Signed: Don Baldrige
Report Date: 14 Sep 2023



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GRAPHS

