



CONSTRUCTION EQUIPMENT

9477 EARTHMOVERS VOLVO EC300 311663 - SWING DRIVE



Sample No: VCP439242
Oil Type: {unknown}
Job No: 9477 EARTHMOVERS



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP439242	---	---	---
Sample Date	16 Jan 2024	---	---	---
Machine Hours	2452	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 199	---	---	---
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CONTAMINATION

Water	%	▲ 0.702	---	---	---
Silicon	ppm	█ 31	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 420	---	---	---
Copper	ppm	█ 36	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1801	---	---	---
Magnesium	ppm	20	---	---	---
Zinc	ppm	881	---	---	---
Phosphorus	ppm	885	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	8	---	---	---

Diagnosis

We advise that you check for the source of water entry. 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 a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10842671
Signed: Don Baldrige
Report Date: 23 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

