



CONSTRUCTION EQUIPMENT

41355 CHEROKEE VOLVO EC250EL 310021 - SWING DRIVE



Sample No: VCP444302
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 41355 CHEROKEE



215 - ASCENDUM MACHINERY INC - CAYCE
2303 AIRPORT BLVD
CAYCE, SC
US 29033
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SAMPLE INFORMATION

Sample Number	VCP444302	---	---	---
Sample Date	13 Mar 2024	---	---	---
Machine Hours	6931	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 117	---	---	---
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CONTAMINATION

Water	%	▲ 9.03	---	---	---
Silicon	ppm	█ <1	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 9	---	---	---



WEAR METALS

Iron	ppm	█ 0	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 0	---	---	---
Magnesium	ppm	█ 7	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 116	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 25	---	---	---

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 is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0013
Unique No: 10930004
Signed: Don Baldrige
Report Date: 20 Mar 2024



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GRAPHS

