



CONSTRUCTION EQUIPMENT

X17729 VOLVO EC480EL 311309 - REAR LEFT FINAL DRIVE



Sample No: VCP418682

Oil Type: NOT GIVEN

Job No: X17729



SAMPLE INFORMATION

Sample Number	VCP418682	---	---	---
Sample Date	05 Sep 2023	---	---	---
Machine Hours	4255	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---



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OIL CONDITION

Visc @ 40°C	cSt	█ 409	---	---	---
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CONTAMINATION

Water	%	◆ 8.92	---	---	---
Silicon	ppm	█ 332	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 10	---	---	---



WEAR METALS

Iron	ppm	█ 1602	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 4	---	---	---
Aluminum	ppm	█ 137	---	---	---
Chromium	ppm	█ 18	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ 7	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	13	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	113	---	---	---
Magnesium	ppm	23	---	---	---
Zinc	ppm	104	---	---	---
Phosphorus	ppm	816	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	84	---	---	---

Diagnosis

We advise that you check for the source of water entry. 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. All component wear rates are normal. Appearance is milky. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO8771
Unique No: 10643553
Signed: Doug Bogart
Report Date: 13 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

