



CONSTRUCTION EQUIPMENT

13298 GEORGE NIECE VOLVO EC480E 315171 - LEFT SWING DRIVE



Sample No: VCP399449
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 13298 GEORGE NIECE



McClung-Logan Virginia LLC- RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
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SAMPLE INFORMATION

Sample Number	VCP399449	---	---	---
Sample Date	21 Aug 2023	---	---	---
Machine Hours	500	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	155	---	---	---
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CONTAMINATION

Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 119	---	---	---
Copper	ppm	▲ 67	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 41	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 56	---	---	---
Phosphorus	ppm	█ 345	---	---	---
Barium	ppm	█ 6	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8882
Unique No: 10618277
Signed: Sean Felton
Report Date: 25 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

