



CONSTRUCTION EQUIPMENT

2694-1 VOLVO EC300ELR 316826 - SWING DRIVE



Sample No: VCP429179
Oil Type: VOLVO AXLE
Job No: 2694-1



SAMPLE INFORMATION

Sample Number	VCP429179	---	---	---
Sample Date	03 Nov 2023	---	---	---
Machine Hours	642	---	---	---
Oil Hours	642	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

MCCLUNG-LOGAN EQUIPMENT CO - BRIDGEVILLE
 17941 SUSSEX HIGHWAY
 BRIDGEVILLE, DE
 US 19933
 Contact: MATT CLARK
 MCLARK@mcclung-logan.com
 T: (302)337-3400
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OIL CONDITION

Visc @ 40°C	cSt	█ 164	---	---	---
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CONTAMINATION

Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 230	---	---	---
Copper	ppm	▲ 53	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	62	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	54	---	---	---
Phosphorus	ppm	417	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	6	---	---	---

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. Please specify the brand, type, and viscosity of the oil on your next sample. 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: VOLVO1023
Unique No: 10738433
Signed: Sean Felton
Report Date: 14 Nov 2023



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VOLVO GRAPHS

