



CONSTRUCTION EQUIPMENT

19374 VORTEX VOLVO EC200EL 314626 - REAR LEFT FINAL DRIVE



Sample No: VCP415641
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 19374 VORTEX



SAMPLE INFORMATION

Sample Number	VCP415641	---	---	---
Sample Date	10 Aug 2023	---	---	---
Machine Hours	1473	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

117 - ASCENDUM MACHINERY INC - GREENVILLE
 2002 N GREENE ST
 GREENVILLE, NC
 US 27834
 Contact: BRANDON JENKINS
 BRANDON.JENKINS@ASCENDUMMACHINERY.COM
 T:
 F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	█ 145	---	---	---
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CONTAMINATION

Silicon	ppm	█ 69	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 6	---	---	---



WEAR METALS

Iron	ppm	█ 222	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	▲ 28	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 10	---	---	---
Magnesium	ppm	█ 7	---	---	---
Zinc	ppm	█ 14	---	---	---
Phosphorus	ppm	█ 924	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 136	---	---	---

Diagnosis

Resample at the next service interval to monitor. Aluminum ppm levels are abnormal. All 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: VOLVO8769
Unique No: 10616999
Signed: Don Baldrige
Report Date: 24 Aug 2023



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GRAPHS

