



CONSTRUCTION EQUIPMENT

392448 ALTA RENTS VOLVO EC380 314416 - REAR LEFT FINAL DRIVE



Sample No: VCP417681
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 392448 ALTA RENTS



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP417681	---	---	---
Sample Date	18 Oct 2023	---	---	---
Machine Hours	3633	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	277	---	---	---
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CONTAMINATION

Silicon	ppm	42	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	585	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	7	---	---	---
Chromium	ppm	8	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	114	---	---	---
Magnesium	ppm	28	---	---	---
Zinc	ppm	73	---	---	---
Phosphorus	ppm	942	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	108	---	---	---

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. Gear wear is indicated. All other component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0096
Unique No: 10712172
Signed: Don Baldrige
Report Date: 27 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

