



CONSTRUCTION EQUIPMENT

620252 ASHGROVE VOLVO EC480 315369 - REAR LEFT FINAL DRIVE



Sample No: VCP440373
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 620252 ASHGROVE



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP440373	---	---	---
Sample Date	10 Oct 2023	---	---	---
Machine Hours	791	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 175	---	---	---
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CONTAMINATION

Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 453	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 59	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 205	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. High concentration of visible metal present. 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: VOLVO0096
Unique No: 10697309
Signed: Don Baldrige
Report Date: 18 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

