



CONSTRUCTION EQUIPMENT

413706 ALL COUNTY VOLVO EC140E 314542 - REAR LEFT FINAL DRIVE



Sample No: VCP440364
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 413706 ALL COUNTY



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP440364	VCP427181	---	---
Sample Date	13 Nov 2023	27 Jun 2023	---	---
Machine Hours	2892	2063	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	275	136	---	---
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CONTAMINATION

Silicon	ppm	15	71	---	---
Sodium	ppm	0	6	---	---
Potassium	ppm	2	3	---	---



WEAR METALS

Iron	ppm	410	1141	---	---
Copper	ppm	1	4	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	9	56	---	---
Aluminum	ppm	1	10	---	---
Chromium	ppm	4	20	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	2	6	---	---
Titanium	ppm	<1	1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	20	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	52	58	---	---
Magnesium	ppm	11	2	---	---
Zinc	ppm	44	48	---	---
Phosphorus	ppm	907	379	---	---
Barium	ppm	<1	1	---	---
Boron	ppm	120	0	---	---

Diagnosis

Resample at the next service interval to monitor. 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: VOLVO0093
Unique No: 10750323
Signed: Wes Davis
Report Date: 19 Nov 2023



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GRAPHS

