



CONSTRUCTION EQUIPMENT

621896 ALTA RENTS VOLVO EC480E 315143 - REAR RIGHT FINAL DRIVE



Sample No: VCP432306
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 621896 ALTA RENTS



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP432306	VCP413305	---	---
Sample Date	31 Oct 2023	15 Aug 2023	---	---
Machine Hours	1550	1031	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	153	154	---	---
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CONTAMINATION

Silicon	ppm	7	6	---	---
Sodium	ppm	<1	0	---	---
Potassium	ppm	1	2	---	---



WEAR METALS

Iron	ppm	220	183	---	---
Copper	ppm	0	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	3	4	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	12	10	---	---
Magnesium	ppm	<1	<1	---	---
Zinc	ppm	15	12	---	---
Phosphorus	ppm	705	788	---	---
Barium	ppm	<1	4	---	---
Boron	ppm	123	132	---	---

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: VOLVO0096
Unique No: 10725302
Signed: Sean Felton
Report Date: 03 Nov 2023



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GRAPHS

