



CONSTRUCTION EQUIPMENT

VOLVO EC480 31142 - REAR LEFT FINAL DRIVE



Sample No: VCP443779
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP443779	VCP406885	---	---
Sample Date	23 Apr 2024	19 Apr 2023	---	---
Machine Hours	6046	542	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	235.7	174	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	20	20	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	0	<1	---	---



WEAR METALS

Iron	ppm	604	559	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	3	---	---
Chromium	ppm	8	9	---	---
Molybdenum	ppm	2	1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	7	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	35	5	---	---
Magnesium	ppm	4	2	---	---
Zinc	ppm	32	13	---	---
Phosphorus	ppm	815	311	---	---
Barium	ppm	2	2	---	---
Boron	ppm	90	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: VOLVO0096
Unique No: 10994900
Signed: Wes Davis
Report Date: 29 Apr 2024



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GRAPHS

