



CONSTRUCTION EQUIPMENT

361003 VOLVO EC480EL 31110 - REAR LEFT FINAL DRIVE



Sample No: VCP395084
Oil Type: MOBIL MOBILUBE HD 85W140
Job No: 361003



SAMPLE INFORMATION

Sample Number	VCP395084	---	---	---
Sample Date	10 Mar 2023	---	---	---
Machine Hours	5732	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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OIL CONDITION

Visc @ 40°C	cSt	█ 242	---	---	---
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CONTAMINATION

Silicon	ppm	█ 48	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The wear metal levels do not reflect the reported issue. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 200	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 15	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ <1	---	---	---



ADDITIVES

Calcium	ppm	█ 216	---	---	---
Magnesium	ppm	█ 50	---	---	---
Zinc	ppm	█ 154	---	---	---
Phosphorus	ppm	█ 1287	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 228	---	---	---

Depot: VOLVO0090
Unique No: 10696450
Signed: Jonathan Hester
Report Date: 17 Oct 2023



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VOLVO GRAPHS

