



CONSTRUCTION EQUIPMENT

A10537 VOLVO EC480E 3 14800 - REAR LEFT FINAL DRIVE



Sample No: VCP409839
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10537



SAMPLE INFORMATION

Sample Number	VCP409839	VCP365716	---	---
Sample Date	20 Jun 2023	14 Nov 2022	---	---
Machine Hours	1190	590	---	---
Oil Hours	500	590	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

K C CONSTRUCTION

1737 STOUT DRIVE
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OIL CONDITION

Visc @ 40°C	cSt	279	■ 179	---	---
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CONTAMINATION

Silicon	ppm	■ 8	■ 8	---	---
Sodium	ppm	■ 0	■ <1	---	---
Potassium	ppm	■ <1	■ 1	---	---

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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 94	■ 411	---	---
Copper	ppm	■ 6	■ <1	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ <1	■ 0	---	---
Aluminum	ppm	■ 0	■ 2	---	---
Chromium	ppm	■ 1	■ 7	---	---
Molybdenum	ppm	■ 0	■ 1	---	---
Nickel	ppm	■ <1	■ <1	---	---
Titanium	ppm	■ 0	■ <1	---	---
Silver	ppm	■ 0	■ 0	---	---
Manganese	ppm	■ 1	■ 7	---	---
Vanadium	ppm	■ 0	■ 0	---	---



ADDITIVES

Calcium	ppm	■ 6	■ 9	---	---
Magnesium	ppm	■ <1	■ 2	---	---
Zinc	ppm	■ 7	■ 0	---	---
Phosphorus	ppm	■ 491	■ 311	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 6	■ 2	---	---

Depot: KCCIVY
Unique No: 10537436
Signed: Don Baldrige
Report Date: 03 Jul 2023



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GRAPHS

