



CONSTRUCTION EQUIPMENT

A10537 VOLVO EC480E 3 14800 - LEFT SWING DRIVE



Sample No: VCP422507
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10537



SAMPLE INFORMATION

Sample Number	VCP422507	VCP385760	---	---
Sample Date	20 Jun 2023	14 Nov 2022	---	---
Machine Hours	1190	590	---	---
Oil Hours	500	590	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

K C CONSTRUCTION

1737 STOUT DRIVE

IVYLAND, PA

US 18974

Contact: DUKE D.

duked@kcconstruct.com

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F: x:



OIL CONDITION

Visc @ 40°C	cSt	276	178	---	---
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CONTAMINATION

Silicon	ppm	23	15	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	3	0	---	---



WEAR METALS

Iron	ppm	334	132	---	---
Copper	ppm	1	7	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	6	<1	---	---
Chromium	ppm	9	2	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	8	15	---	---
Magnesium	ppm	2	1	---	---
Zinc	ppm	11	2	---	---
Phosphorus	ppm	488	307	---	---
Barium	ppm	2	0	---	---
Boron	ppm	4	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.

Depot: KCCIVY

Unique No: 10537459

Signed: Don Baldrige

Report Date: 03 Jul 2023

Contact/Location: DUKE D. - KCCIVY



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GRAPHS

