



CONSTRUCTION EQUIPMENT

A10537 VOLVO EC480E 3 14800 - RIGHT SWING DRIVE



Sample No: VCP406479
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10537



SAMPLE INFORMATION

Sample Number	VCP406479	VCP365691	---	---
Sample Date	20 Jun 2023	14 Nov 2022	---	---
Machine Hours	1190	590	---	---
Oil Hours	500	590	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---

K C CONSTRUCTION

1737 STOUT DRIVE
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OIL CONDITION

Visc @ 40°C	cSt	▲ 304	■ 167	---	---
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CONTAMINATION

Silicon	ppm	■ 3	■ 8	---	---
Sodium	ppm	■ 0	■ 0	---	---
Potassium	ppm	■ <1	■ 0	---	---



WEAR METALS

Iron	ppm	■ 24	■ 64	---	---
Copper	ppm	■ 2	■ 2	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ <1	■ 0	---	---
Aluminum	ppm	■ 0	■ <1	---	---
Chromium	ppm	■ <1	■ <1	---	---
Molybdenum	ppm	■ 0	■ <1	---	---
Nickel	ppm	■ <1	■ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ <1	■ 1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	■ 6	■ <1	---	---
Magnesium	ppm	■ <1	■ <1	---	---
Zinc	ppm	■ 7	■ 0	---	---
Phosphorus	ppm	■ 529	■ 286	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 7	■ 2	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is higher than normal. Confirm oil type.

Depot: KCCIVY
Unique No: 10537441
Signed: Don Baldrige
Report Date: 03 Jul 2023



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GRAPHS

