



CONSTRUCTION EQUIPMENT

X18673 APAC VOLVO EC480EL 315021 - RIGHT SWING DRIVE



Sample No: VCE043710
Oil Type: GEAR OIL SAE 80W90
Job No: X18673 APAC



SAMPLE INFORMATION

Sample Number	VCE043710	---	---	---
Sample Date	04 Jun 2024	---	---	---
Machine Hours	3153	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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3860 I-55 South
JACKSON, MS
US 39212
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OIL CONDITION

Visc @ 40°C	cSt	█ 131	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <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. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 111	---	---	---
Copper	ppm	█ 27	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 2	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 18	---	---	---
Phosphorus	ppm	█ 883	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 185	---	---	---

Depot: VOLVO8771
Unique No: 11075588
Signed: Wes Davis
Report Date: 14 Jun 2024



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GRAPHS

