



CONSTRUCTION EQUIPMENT

VOLVO EC480EL 314810 - REAR LEFT FINAL DRIVE



Sample No: VCP454688
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP454688	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	2054	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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 1231 BRIDGESTONE PARKWAY
 LAVERGNE, TN
 US 37086
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OIL CONDITION

Visc @ 40°C	cSt	█ 142	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 47	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 4	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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	▲ 514	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 32	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 11	---	---	---
Phosphorus	ppm	█ 911	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 160	---	---	---

Depot: VOLVO0129
Unique No: 11049322
Signed: Don Baldrige
Report Date: 30 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

