



CONSTRUCTION EQUIPMENT

552774 VOLVO EC480 314300 - RIGHT SWING DRIVE



Sample No: VCP418986
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 552774



SAMPLE INFORMATION

Sample Number	VCP418986	---	---	---
Sample Date	08 May 2023	---	---	---
Machine Hours	5393	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

FIVE STONES MINE
MORNING STAR FARM RD
CANAL POINT, FL
US 33430
Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	▲ 360	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 24	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 1	---	---	---

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.



WEAR METALS

Iron	ppm	■ 462	---	---	---
Copper	ppm	■ 11	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 5	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 34	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 16	---	---	---
Phosphorus	ppm	■ 286	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 4	---	---	---

Depot: FIVCAN
Unique No: 10468784
Signed: Don Baldrige
Report Date: 14 May 2023



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GRAPHS

