



CONSTRUCTION EQUIPMENT

25862 CAROLINA WASTE VOLVO EC220EL 310568 - SWING DRIVE



Sample No: VCP453803
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 25862 CAROLINA WASTE



SAMPLE INFORMATION

Sample Number	VCP453803	---	---	---
Sample Date	04 Jun 2024	---	---	---
Machine Hours	11622	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
 Contact: MATT MITCHAM
 matt.mitcam@ascendummachinery.com
 T:
 F: (843)414-1129



OIL CONDITION

Visc @ 40°C	cSt	● 50.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 31	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 347	---	---	---
Copper	ppm	■ 18	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 102	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 76	---	---	---
Phosphorus	ppm	2068	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 170	---	---	---

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 lower than normal. Confirm oil type.

Depot: VOLVO3387
Unique No: 11075557
Signed: Don Baldrige
Report Date: 14 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

