



CONSTRUCTION EQUIPMENT

25877 VOLVO EC160 314679 - SWING DRIVE



Sample No: VCP453798
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 25877



SAMPLE INFORMATION

Sample Number	VCP453798	---	---	---
Sample Date	13 Jun 2024	---	---	---
Machine Hours	562	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	█ 175	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 34	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 127	---	---	---
Copper	ppm	▲ 66	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 10	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 54	---	---	---
Phosphorus	ppm	█ 364	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 0	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. 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.

Depot: VOLVO3387
Unique No: 11089986
Signed: Sean Felton
Report Date: 24 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

