



CONSTRUCTION EQUIPMENT

SOUTHERN CONSTRUCTION W07013697

VOLVO EC160E 314483 - FRONT LEFT FINAL DRIVE



Sample No: VCP409370

Oil Type: MOBIL 75W90

Job No: W07013697



SAMPLE INFORMATION

Sample Number	VCP409370	---	---	---
Sample Date	26 Oct 2023	---	---	---
Machine Hours	488	---	---	---
Oil Hours	488	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
 KRATLIFFE@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	183	---	---	---
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Silicon	ppm	7	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---

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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	114	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	8	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	340	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO8882
 Unique No: 10737589
 Signed: Don Baldrige
 Report Date: 13 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

