



CONSTRUCTION EQUIPMENT

SOUTHERN CONSTRUCTION W07013697

VOLVO EC160E 314483 - FRONT RIGHT FINAL DRIVE



Sample No: VCP409366
Oil Type: MOBIL 75W90
Job No: W07013697



MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
Contact: KYLE RATLIFFE
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SAMPLE INFORMATION

Sample Number	VCP409366	---	---	---
Sample Date	26 Oct 2023	---	---	---
Machine Hours	488	---	---	---
Oil Hours	488	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

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

Silicon	ppm	6	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

Iron	ppm	116	---	---	---
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	1	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	334	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	0	---	---	---

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.

Depot: VOLVO8882
Unique No: 10737588
Signed: Don Baldrige
Report Date: 13 Nov 2023



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GRAPHS

