



# CONSTRUCTION EQUIPMENT

## A10850 HSC CONST VOLVO EC160E 314531 - REAR LEFT FINAL DRIVE



**Sample No:** VCP411861  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** A10850 HSC CONST



**HOFFMAN EQUIPMENT - LIONVILLE**  
 120 GORDON DRIVE  
 LIONVILLE, PA  
 US 19341  
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### SAMPLE INFORMATION

Sample Number	VCP411861	---	---	---
Sample Date	04 Aug 2023	---	---	---
Machine Hours	550	---	---	---
Oil Hours	550	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	█ 177	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---



### WEAR METALS

Iron	ppm	█ 310	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 50	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 20	---	---	---
Phosphorus	ppm	█ 327	---	---	---
Barium	ppm	█ 0	---	---	---
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. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO8879  
**Unique No:** 10601768  
**Signed:** Don Baldrige  
**Report Date:** 12 Aug 2023



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## VOLVO GRAPHS

