



# CONSTRUCTION EQUIPMENT

## 443 VOLVO EC950F 410052 - REAR LEFT TRACK DRIVE



**Sample No:** VCP412890  
**Oil Type:** MOBIL MOBILUBE HD 85W140  
**Job No:** 443



### SAMPLE INFORMATION

Sample Number	VCP412890	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	4151	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**VCES- VOLVO CONSTRUCTION EQUIPMENT**  
 12345 MAPLEVIEW STREET  
 LAKESIDE, CA  
 US 92040  
 Contact: Mark Stewart  
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 T: X  
 F: X



### OIL CONDITION

Visc @ 40°C	cSt	■ 282	---	---	---
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### CONTAMINATION

Silicon	ppm	▲ 191	---	---	---
Sodium	ppm	■ 18	---	---	---
Potassium	ppm	■ 17	---	---	---

### Diagnosis

We advise that you check all areas where dirt can enter the system. 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. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	■ 428	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	▲ 47	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	■ 24	---	---	---
Magnesium	ppm	■ 21	---	---	---
Zinc	ppm	■ 6	---	---	---
Phosphorus	ppm	■ 865	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	■ 70	---	---	---

**Depot:** VOLVO4488  
**Unique No:** 10723076  
**Signed:** Don Baldrige  
**Report Date:** 01 Nov 2023



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## GRAPHS

