



CONSTRUCTION EQUIPMENT

443 VOLVO EC950F 410052 - RIGHT SWING DRIVE



Sample No: VCP414480
Oil Type: MOBIL MOBILUBE HD 85W140
Job No: 443



SAMPLE INFORMATION

Sample Number	VCP414480	VCP350226	---	---
Sample Date	20 Oct 2023	06 Jul 2022	---	---
Machine Hours	4151	1180	---	---
Oil Hours	0	1180	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
 12345 MAPLEVIEW STREET
 LAKESIDE, CA
 US 92040
 Contact: Mark Stewart
 mark.stewart@vcesvolvo.com
 T: X
 F: X



OIL CONDITION

Visc @ 40°C	cSt	339	174	---	---
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CONTAMINATION

Silicon	ppm	6	14	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	2	1	---	---

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.



WEAR METALS

Iron	ppm	127	820	---	---
Copper	ppm	3	11	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	<1	11	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	10	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	17	13	---	---
Magnesium	ppm	19	4	---	---
Zinc	ppm	23	16	---	---
Phosphorus	ppm	1074	242	---	---
Barium	ppm	1	17	---	---
Boron	ppm	155	<1	---	---

Depot: VOLVO4488
Unique No: 10723083
Signed: Don Baldrige
Report Date: 01 Nov 2023



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GRAPHS

