



CONSTRUCTION EQUIPMENT

443 VOLVO EC950F 410052 - LEFT SWING DRIVE



Sample No: VCP412742
Oil Type: GEAR OIL SAE 85W140
Job No: 443



SAMPLE INFORMATION

Sample Number	VCP412742	VCP350212	---	---
Sample Date	20 Oct 2023	05 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	341	174	---	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	8	15	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	1	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	105	863	---	---
Copper	ppm	4	12	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	3	---	---
Chromium	ppm	<1	11	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	11	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3	28	---	---
Magnesium	ppm	15	4	---	---
Zinc	ppm	7	24	---	---
Phosphorus	ppm	1042	257	---	---
Barium	ppm	0	17	---	---
Boron	ppm	155	<1	---	---

Depot: VOLVO4488
Unique No: 10723077
Signed: Wes Davis
Report Date: 01 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

