



CONSTRUCTION EQUIPMENT

9169 UNITED DEMO VOLVO EC350E 314569 - SWING DRIVE



Sample No: VCP418876
Oil Type: VOLVO 90W
Job No: 9169 UNITED DEMO



SAMPLE INFORMATION

Sample Number	VCP418876	---	---	---
Sample Date	21 Jun 2023	---	---	---
Machine Hours	446	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 172	---	---	---
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CONTAMINATION

Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

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	█ 149	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	5	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	13	---	---	---
Phosphorus	ppm	321	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO0150
Unique No: 10535214
Signed: Jonathan Hester
Report Date: 30 Jun 2023



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GRAPHS

