



CONSTRUCTION EQUIPMENT

SPM674735-10 VOLVO EC950FL 410112 - RIGHT SWING DRIVE



Sample No: VCP437764
Oil Type: GEAR OIL SAE 80W90
Job No: SPM674735-10



SAMPLE INFORMATION

Sample Number	VCP437764	---	---	---
Sample Date	17 Feb 2024	---	---	---
Machine Hours	1239	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

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5151 DR MARTIN LUTHER KING BLVD
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US 33905
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OIL CONDITION

Visc @ 40°C	cSt	█ 157	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 28	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



WEAR METALS

Iron	ppm	● 1075	---	---	---
Copper	ppm	█ 90	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	▲ 12	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 12	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 0	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 61	---	---	---
Phosphorus	ppm	█ 393	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

Depot: VOLVO0090
Unique No: 10888027
Signed: Sean Felton
Report Date: 22 Feb 2024



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GRAPHS

