



CONSTRUCTION EQUIPMENT

SW30008 VOLVO EC950FL 410035 - LEFT FINAL DRIVE



Sample No: VCP320682
Oil Type: GEAR OIL SAE 80W90
Job No: SW30008



SAMPLE INFORMATION

Sample Number	VCP320682	VCP443371	---	---
Sample Date	15 Feb 2024	15 Dec 2023	---	---
Machine Hours	2000	1985	---	---
Oil Hours	2000	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	ATTENTION	---	---

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 3330 NORTH YELLOWSTONE HIGHWAY
 IDAHO FALLS, ID
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OIL CONDITION

Visc @ 40°C	cSt	142	▲ 70.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	36	5	---	---
Sodium	ppm	8	2	---	---
Potassium	ppm	5	<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	140	65	---	---
Copper	ppm	1	0	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	10	1	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	2	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	26	22	---	---
Magnesium	ppm	4	4	---	---
Zinc	ppm	15	7	---	---
Phosphorus	ppm	861	1755	---	---
Barium	ppm	0	0	---	---
Boron	ppm	131	140	---	---

Depot: VOLVO0077
Unique No: 10898664
Signed: Wes Davis
Report Date: 27 Feb 2024



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GRAPHS

