



CONSTRUCTION EQUIPMENT

SW-29950 SEG 1 RANGO VOLVO R100E 121011 - POWER TAKE OFF



Sample No: VCP440338
Oil Type: GEAR OIL LS 80W90
Job No: SW-29950 SEG 1 RANGO



SAMPLE INFORMATION

Sample Number	VCP440338	---	---	---
Sample Date	16 Feb 2024	---	---	---
Machine Hours	7877	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 145	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 140	---	---	---



WEAR METALS

Iron	ppm	▲ 250	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 149	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 49	---	---	---
Phosphorus	ppm	291	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 124	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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.

Depot: VOLVO8770
Unique No: 10896962
Signed: Don Baldrige
Report Date: 26 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

