



CONSTRUCTION EQUIPMENT

707807 RENTALS VOLVO SD115 236814 - REAR RIGHT FINAL DRIVE



Sample No: VCP449796
Oil Type: GEAR OIL LS 80W90
Job No: 707807 RENTALS



SAMPLE INFORMATION

Sample Number	VCP449796	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	1960	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 129	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 27	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 3	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	▲ 516	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 15	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 160	---	---	---
Magnesium	ppm	█ 17	---	---	---
Zinc	ppm	277	---	---	---
Phosphorus	ppm	1489	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 133	---	---	---

Depot: VOLVO0096
Unique No: 11002498
Signed: Sean Felton
Report Date: 30 Apr 2024



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GRAPHS

