



CONSTRUCTION EQUIPMENT

X59196 VOLVO SDLG L959F 640017 - REAR AXLE



Sample No: VCP440825
Oil Type: GEAR OIL SAE 80W90
Job No: X59196



SAMPLE INFORMATION

Sample Number	VCP440825	---	---	---
Sample Date	06 Feb 2024	---	---	---
Machine Hours	2499	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 134	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 459	---	---	---
Copper	ppm	▲ 84	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 0	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 72	---	---	---
Phosphorus	ppm	█ 1005	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 91	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. 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: SCOSAI
Unique No: 10870285
Signed: Sean Felton
Report Date: 09 Feb 2024



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VOLVO GRAPHS

