



# CONSTRUCTION EQUIPMENT

X59145 VOLVO L50H 320062 - REAR AXLE



**Sample No:** VCP441134  
**Oil Type:** TRANSAXLE OIL SAE 75W80  
**Job No:** X59145



**SCOTT EQUIPMENT COMPANY LLC - Saint Rose**  
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## SAMPLE INFORMATION

Sample Number	VCP441134	VCP384640	---	---
Sample Date	29 Jan 2024	11 Nov 2022	---	---
Machine Hours	2970	2496	---	---
Oil Hours	2970	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	ABNORMAL	SEVERE	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 60.5	█ 49.2	---	---
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## CONTAMINATION

Water	%	▲ 0.215	● 2.58	---	---
Silicon	ppm	█ 27	█ 29	---	---
Sodium	ppm	█ 0	█ 13	---	---
Potassium	ppm	█ 3	█ 0	---	---



## WEAR METALS

Iron	ppm	█ 88	█ 123	---	---
Copper	ppm	█ 7	█ 11	---	---
Lead	ppm	█ 0	█ 2	---	---
Tin	ppm	█ 0	█ 3	---	---
Aluminum	ppm	█ 2	█ 4	---	---
Chromium	ppm	█ <1	█ 2	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 6	█ 9	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	█ 5	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	█ 3363	█ 3510	---	---
Magnesium	ppm	█ 15	█ 21	---	---
Zinc	ppm	█ 1415	█ 1571	---	---
Phosphorus	ppm	█ 1301	█ 1289	---	---
Barium	ppm	█ 8	█ 0	---	---
Boron	ppm	█ 73	█ 114	---	---

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** SCOSAI  
**Unique No:** 10859950  
**Signed:** Jonathan Hester  
**Report Date:** 05 Feb 2024



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## GRAPHS

