



# CONSTRUCTION EQUIPMENT

X59518 VOLVO L180H 566Z - FRONT AXLE



**Sample No:** VCP437392  
**Oil Type:** {unknown}  
**Job No:** X59518



## SAMPLE INFORMATION

Sample Number	VCP437392	---	---	---
Sample Date	24 Apr 2024	---	---	---
Machine Hours	1261	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	■ 40.6	---	---	---
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## CONTAMINATION

Water	%	▲ 0.206	---	---	---
Silicon	ppm	■ 19	---	---	---
Sodium	ppm	■ 14	---	---	---
Potassium	ppm	■ 6	---	---	---



## WEAR METALS

Iron	ppm	■ 120	---	---	---
Copper	ppm	■ 16	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	8	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	5631	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	2223	---	---	---
Phosphorus	ppm	1842	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	193	---	---	---

## Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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:** 11004039  
**Signed:** Jonathan Hester  
**Report Date:** 01 May 2024



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## GRAPHS

