



# CONSTRUCTION EQUIPMENT

X18134 NUCOR VOLVO L180H 5726 - FRONT AXLE



**Sample No:** VCP430958  
**Oil Type:** VOLVO WB 102  
**Job No:** X18134 NUCOR



## SAMPLE INFORMATION

Sample Number	VCP430958	---	---	---
Sample Date	15 Jan 2024	---	---	---
Machine Hours	1135	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 41.2	---	---	---
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## CONTAMINATION

Water	%	▲ 0.427	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 4	---	---	---

## Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. Free water present. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 31	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 3718	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 1611	---	---	---
Phosphorus	ppm	█ 1270	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 129	---	---	---

**Depot:** VOLVO8771  
**Unique No:** 10858223  
**Signed:** Jonathan Hester  
**Report Date:** 02 Feb 2024



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## VOLVO GRAPHS

