



# CONSTRUCTION EQUIPMENT

SPM687839 US STEEL VOLVO A60H 340125 - REAR AXLE



**Sample No:** VCP437716  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM687839 US STEEL



## SAMPLE INFORMATION

Sample Number	VCP437716	---	---	---
Sample Date	12 Apr 2024	---	---	---
Machine Hours	8696	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

**ALTA EQUIPMENT CO - ORLAND PARK**  
5000 INDUSTRIAL HWY  
GARY, IN  
US 46406  
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## OIL CONDITION

Visc @ 40°C	cSt	● 48.7	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 2	---	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.



## WEAR METALS

Iron	ppm	■ 203	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 8	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 46	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 24	---	---	---
Phosphorus	ppm	■ 2273	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 306	---	---	---

**Depot:** VOLVO8885  
**Unique No:** 10990264  
**Signed:** Don Baldrige  
**Report Date:** 23 Apr 2024



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## GRAPHS

