



# CONSTRUCTION EQUIPMENT

SPM595483 HUNTINGTON GENIE GTH-1544 GTH15M-712 - REAR LEFT FINAL DRIVE



**Sample No:** VCP387093  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM595483 HUNTINGTON



## SAMPLE INFORMATION

Sample Number	VCP387093	---	---	---
Sample Date	07 Sep 2023	---	---	---
Machine Hours	801	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

## ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD  
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US 61350  
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T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 191	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 23	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 2	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The aluminum 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.



## WEAR METALS

Iron	ppm	█ 224	---	---	---
Copper	ppm	▲ 128	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 55	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 132	---	---	---
Phosphorus	ppm	█ 2501	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** VOLVO5055  
**Unique No:** 10646495  
**Signed:** Jonathan Hester  
**Report Date:** 18 Sep 2023



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## GRAPHS

