



CONSTRUCTION EQUIPMENT

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



Sample No: VCP387098
Oil Type: GEAR OIL SAE 80W90
Job No: SPM595483 HUNTINGTON



SAMPLE INFORMATION

Sample Number	VCP387098	---	---	---
Sample Date	07 Sep 2023	---	---	---
Machine Hours	801	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA CONSTRUCTION EQUIPMENT

613 E STEVENSON RD
 OTTAWA, IL
 US 61350
 Contact: KEVIN SKRTICH
 KEVIN.SKRTICH@ALTAEQUIPMENT.COM
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 186	---	---	---
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CONTAMINATION

Silicon	ppm	█ 40	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 3	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper 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	█ 318	---	---	---
Copper	ppm	▲ 120	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 106	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 161	---	---	---
Phosphorus	ppm	█ 2535	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 3	---	---	---

Depot: VOLVO5055
Unique No: 10646490
Signed: Jonathan Hester
Report Date: 18 Sep 2023



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GRAPHS

