



CONSTRUCTION EQUIPMENT

SWA374776 HITACHI ZW550-6 005203 - REAR LEFT FINAL DRIVE



Sample No: VCP441775
Oil Type: GEAR OIL SAE 80W90
Job No: SWA374776



SAMPLE INFORMATION

Sample Number	VCP441775	---	---	---
Sample Date	28 Sep 2023	---	---	---
Machine Hours	7035	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 192	---	---	---
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CONTAMINATION

Silicon	ppm	█ 46	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	▲ 764	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ 5	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 12	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 4108	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 2352	---	---	---
Phosphorus	ppm	█ 1389	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ 123	---	---	---

Depot: VOLVO8885
Unique No: 10673253
Signed: Don Baldrige
Report Date: 04 Oct 2023



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GRAPHS

