



CONSTRUCTION EQUIPMENT

SWA531283 HITACHI ZW550 ZW5506-005204 - REAR DIFFERENTIAL



Sample No: VCP410279
Oil Type: {unknown}
Job No: SWA531283



SAMPLE INFORMATION

Sample Number	VCP410279	VCP360051	---	---
Sample Date	09 Apr 2024	29 Mar 2022	---	---
Machine Hours	9678	4070	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	195	191	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	40	25	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	0	<1	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	595	340	---	---
Copper	ppm	2	2	---	---
Lead	ppm	2	4	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	3	2	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	9	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3486	4200	---	---
Magnesium	ppm	15	11	---	---
Zinc	ppm	1734	2006	---	---
Phosphorus	ppm	1158	1443	---	---
Barium	ppm	2	0	---	---
Boron	ppm	105	113	---	---

Depot: VOLVO8885
Unique No: 10977812
Signed: Sean Felton
Report Date: 16 Apr 2024



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GRAPHS

