

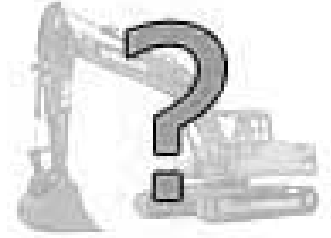


CONSTRUCTION EQUIPMENT

SWO-067137 HITACHI ZW2206-005407 - REAR AXLE



Sample No: VCP431013
Oil Type: NOT GIVEN
Job No: SWO-067137



SAMPLE INFORMATION

Sample Number	VCP431013	VCP424308	VCP402467	VCP337609
Sample Date	01 Nov 2023	26 Jun 2023	21 Mar 2023	23 May 2022
Machine Hours	3139	2685	2120	506
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
BIRMINGHAM, AL
US 35207

Contact: STEPHANI BRITTON
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OIL CONDITION

Visc @ 40°C	cSt	200	199	140	143
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CONTAMINATION

Silicon	ppm	7	6	15	9
Sodium	ppm	0	<1	2	2
Potassium	ppm	2	0	<1	<1



WEAR METALS

Iron	ppm	243	160	▲ 554	384
Copper	ppm	<1	0	4	3
Lead	ppm	0	0	2	2
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	2	<1	2	2
Chromium	ppm	<1	<1	5	3
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	2	2	7	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3152	3469	3381	3325
Magnesium	ppm	13	15	15	12
Zinc	ppm	1197	1223	1407	1331
Phosphorus	ppm	996	999	1418	1337
Barium	ppm	5	0	6	4
Boron	ppm	1	0	2	2

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All 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.

Depot: SAIBIR
Unique No: 10729180
Signed: Don Baldrige
Report Date: 09 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

