



CONSTRUCTION EQUIPMENT

SWO-067137 HITACHI ZW2206-005407 - FRONT AXLE



Sample No: VCP431032
Oil Type: NOT GIVEN
Job No: SWO-067137



SAMPLE INFORMATION

Sample Number	VCP431032	VCP424309	VCP398101	VCP337606
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 Changd	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
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OIL CONDITION

Visc @ 40°C	cSt	202	207	137	134
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CONTAMINATION

Silicon	ppm	5	4	13	9
Sodium	ppm	0	<1	2	2
Potassium	ppm	2	0	<1	<1



WEAR METALS

Iron	ppm	148	106	826	615
Copper	ppm	1	<1	6	4
Lead	ppm	0	0	1	2
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	<1	2	2
Chromium	ppm	<1	<1	6	4
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	1	9	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2675	2798	3375	3325
Magnesium	ppm	15	16	15	12
Zinc	ppm	1173	1160	1386	1310
Phosphorus	ppm	1085	1050	1424	1352
Barium	ppm	5	0	6	5
Boron	ppm	24	22	0	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: 10729183
Signed: Don Baldrige
Report Date: 09 Nov 2023



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GRAPHS

