



CONSTRUCTION EQUIPMENT

SWO-067137 HITACHI ZW2206-005407 - TRANSMISSION (MANUAL)



Sample No: VCP428905
Oil Type: TDTO FLUID SAE 10W
Job No: SWO-067137



SAMPLE INFORMATION

Sample Number	VCP428905	VCP424615	VCP398107	VCP389250
Sample Date	01 Nov 2023	26 Jun 2023	21 Mar 2023	12 Sep 2022
Machine Hours	3139	2685	2120	1029
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	35.5	35.6	34.3	33.5
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CONTAMINATION

Silicon	ppm	6	6	8	6
Sodium	ppm	5	7	21	19
Potassium	ppm	3	<1	3	0



WEAR METALS

Iron	ppm	85	57	84	57
Copper	ppm	4	2	7	6
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	5	4	7	5
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	2	4	4
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	2	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2509	2586	2815	2765
Magnesium	ppm	17	18	31	28
Zinc	ppm	1036	1049	1219	1136
Phosphorus	ppm	866	853	1038	981
Barium	ppm	5	0	<1	0
Boron	ppm	0	1	4	0

Diagnosis

Resample at the next service interval to monitor. 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: 10729194
Signed: Sean Felton
Report Date: 09 Nov 2023



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VOLVO GRAPHS

