



CONSTRUCTION EQUIPMENT

SPM688446 SCORIA HITACHI ZW250-6 ZW2506-005232 - TRANSMISSION (MANUAL)



Sample No: VCP418811
Oil Type: TDTO FLUID SAE 30
Job No: SPM688446 SCORIA



SAMPLE INFORMATION

Sample Number	VCP418811	VCP364677	VCP404878	---
Sample Date	21 Mar 2024	20 Jun 2023	28 Mar 2023	---
Machine Hours	5641	4504	3973	---
Oil Hours	0	0	0	---
Oil Changed	Not Changed	Not Changed	Changed	---
Sample Status	ATTENTION	ATTENTION	ABNORMAL	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
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F:



OIL CONDITION

Visc @ 40°C	cSt	57.9	58.4	132	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	8	6	8	---
Sodium	ppm	6	6	1	---
Potassium	ppm	0	0	1	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The fluid viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	12	13	145	---
Copper	ppm	<1	2	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	1	1	---
Chromium	ppm	0	0	2	---
Molybdenum	ppm	2	2	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3340	3070	3523	---
Magnesium	ppm	21	34	20	---
Zinc	ppm	1097	1064	1433	---
Phosphorus	ppm	946	869	1325	---
Barium	ppm	0	0	0	---
Boron	ppm	5	6	1	---

Depot: VOLVO8885
Unique No: 10990291
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

