



CONSTRUCTION EQUIPMENT

SPM567503 SCORIA HITACHI ZW250-6 ZW2506-005232 - TRANSMISSION (MANUAL)



Sample No: VCP364677
Oil Type: TDTO FLUID SAE 30
Job No: SPM567503 SCORIA



SAMPLE INFORMATION

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

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5000 INDUSTRIAL HWY
GARY, IN
US 46406
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OIL CONDITION

Visc @ 40°C	cSt	▲ 58.4	■ 132	---	---
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CONTAMINATION

Silicon	ppm	■ 6	■ 8	---	---
Sodium	ppm	■ 6	■ 1	---	---
Potassium	ppm	■ 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	■ 13	■ 145	---	---
Copper	ppm	■ 2	■ <1	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 0	■ 0	---	---
Aluminum	ppm	■ 1	■ 1	---	---
Chromium	ppm	■ 0	■ 2	---	---
Molybdenum	ppm	■ 2	■ <1	---	---
Nickel	ppm	■ 0	■ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	■ 0	■ 0	---	---
Manganese	ppm	■ <1	■ 3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	■ 3070	■ 3523	---	---
Magnesium	ppm	■ 34	■ 20	---	---
Zinc	ppm	■ 1064	■ 1433	---	---
Phosphorus	ppm	■ 869	■ 1325	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 6	■ 1	---	---

Depot: VOLVO8885
Unique No: 10548944
Signed: Don Baldrige
Report Date: 11 Jul 2023



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GRAPHS

