

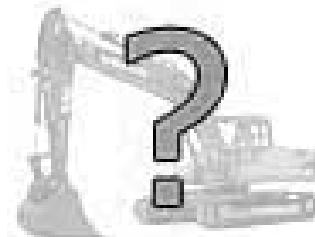


CONSTRUCTION EQUIPMENT

SPM567503 SCORIA HITACHI ZW250-6 ZW2506-005232 - REAR DIFFERENTIAL



Sample No: VCP364843
Oil Type: TDTO FLUID SAE 30
Job No: SPM567503 SCORIA



SAMPLE INFORMATION

Sample Number	VCP364843	VCP404883	---	---
Sample Date	20 Jun 2023	28 Mar 2023	---	---
Machine Hours	4504	3973	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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5000 INDUSTRIAL HWY
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OIL CONDITION

Visc @ 40°C	cSt	█ 135	▲ 37.5	---	---
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CONTAMINATION

Silicon	ppm	█ 9	█ 4	---	---
Sodium	ppm	█ 2	█ 12	---	---
Potassium	ppm	█ 0	█ <1	---	---



WEAR METALS

Iron	ppm	█ 142	█ 21	---	---
Copper	ppm	█ 1	█ 3	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ 1	---	---
Chromium	ppm	█ 2	█ 0	---	---
Molybdenum	ppm	█ <1	█ 1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 3	█ <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 3374	█ 3159	---	---
Magnesium	ppm	█ 18	█ 23	---	---
Zinc	ppm	█ 1365	█ 1151	---	---
Phosphorus	ppm	█ 1365	█ 953	---	---
Barium	ppm	█ 2	█ 0	---	---
Boron	ppm	█ <1	█ 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 oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8885
Unique No: 10548875
Signed: Don Baldrige
Report Date: 11 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

