



CONSTRUCTION EQUIPMENT

SPM686826 CATERPILLAR 345B AGS02335 - RIGHT FINAL DRIVE



Sample No: VCP379250
Oil Type: TDTO FLUID SAE 50
Job No: SPM686826



SAMPLE INFORMATION

Sample Number	VCP379250	---	---	---
Sample Date	15 Mar 2024	---	---	---
Machine Hours	5476	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

SIMS METAL MANAGEMENT

2500 S. PAULINA
CHICAGO, IL
US 60608
Contact: RYAN WISE
ryan.wise@simsmm.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	█ 174	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 3	---	---	---

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.



WEAR METALS

Iron	ppm	█ 28	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 6	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	< 1	---	---	---



ADDITIVES

Calcium	ppm	█ 2998	---	---	---
Magnesium	ppm	█ 72	---	---	---
Zinc	ppm	█ 1247	---	---	---
Phosphorus	ppm	█ 1009	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 6	---	---	---

Depot: SIMCHIL
Unique No: 10941439
Signed: Wes Davis
Report Date: 26 Mar 2024



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GRAPHS

