



CONSTRUCTION EQUIPMENT

19618 TGP CATERPILLAR 345BL AGSO2135 - REAR LEFT FINAL DRIVE



Sample No: VCP413272
Oil Type: NOT GIVEN
Job No: 19618 TGP



117 - ASCENDUM MACHINERY INC - GREENVILLE
2002 N GREENE ST
GREENVILLE, NC
US 27834
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SAMPLE INFORMATION

Sample Number	VCP413272	---	---	---
Sample Date	02 Oct 2023	---	---	---
Machine Hours	14659	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 187	---	---	---
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CONTAMINATION

Silicon	ppm	█ 77	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 6	---	---	---



WEAR METALS

Iron	ppm	█ 228	---	---	---
Copper	ppm	▲ 181	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 22	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 2	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	4321	---	---	---
Magnesium	ppm	19	---	---	---
Zinc	ppm	1733	---	---	---
Phosphorus	ppm	1523	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	5	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. All other 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: VOLVO8769
Unique No: 10702468
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

