



CONSTRUCTION EQUIPMENT

19631 TGP CATERPILLAR 345DL AGS00859 - REAR LEFT FINAL DRIVE



Sample No: VCP414504
Oil Type: NOT GIVEN
Job No: 19631 TGP



SAMPLE INFORMATION

Sample Number	VCP414504	---	---	---
Sample Date	29 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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GREENVILLE, NC
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OIL CONDITION

Visc @ 40°C	cSt	■ 206	---	---	---
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CONTAMINATION

Silicon	ppm	■ 46	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 5	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. 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.



WEAR METALS

Iron	ppm	■ 301	---	---	---
Copper	ppm	▲ 134	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 5	---	---	---
Aluminum	ppm	■ 20	---	---	---
Chromium	ppm	■ 5	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	3208	---	---	---
Magnesium	ppm	18	---	---	---
Zinc	ppm	1342	---	---	---
Phosphorus	ppm	1103	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	3	---	---	---

Depot: VOLV08769
Unique No: 10702463
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

