



CONSTRUCTION EQUIPMENT

19618 TGP CATERPILLAR 345BL AGSO2135 - REAR RIGHT FINAL DRIVE



Sample No: VCP414154
Oil Type: NOT GIVEN
Job No: 19618 TGP



SAMPLE INFORMATION

Sample Number	VCP414154	---	---	---
Sample Date	02 Oct 2023	---	---	---
Machine Hours	14659	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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 2002 N GREENE ST
 GREENVILLE, NC
 US 27834
 Contact: BRANDON JENKINS
 BRANDON.JENKINS@ASCENDUMMACHINERY.COM
 T:
 F: (704)494-8197



OIL CONDITION

Visc @ 40°C	cSt	█ 165	---	---	---
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CONTAMINATION

Silicon	ppm	█ 48	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	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.



WEAR METALS

Iron	ppm	█ 136	---	---	---
Copper	ppm	▲ 131	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 16	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	2566	---	---	---
Magnesium	ppm	32	---	---	---
Zinc	ppm	1065	---	---	---
Phosphorus	ppm	969	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	8	---	---	---

Depot: VOLVO8769
Unique No: 10702490
Signed: Don Baldrige
Report Date: 23 Oct 2023



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GRAPHS

