



# CONSTRUCTION EQUIPMENT

19621 TGP CATERPILLAR 345BL AGSO1373 - LEFT SWING DRIVE



Sample No: VCP430757

Oil Type: NOT GIVEN

Job No: 19621 TGP



## SAMPLE INFORMATION

Sample Number	VCP430757	---	---	---
Sample Date	02 Oct 2023	---	---	---
Machine Hours	6400	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

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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	█ 156	---	---	---
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## CONTAMINATION

Water	%	◆ 1.60	---	---	---
Silicon	ppm	█ 48	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 5	---	---	---

## Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.



## WEAR METALS

Iron	ppm	█ 275	---	---	---
Copper	ppm	█ 17	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 11	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	2855	---	---	---
Magnesium	ppm	93	---	---	---
Zinc	ppm	1329	---	---	---
Phosphorus	ppm	1041	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	9	---	---	---

Depot: VOLVO8769  
 Unique No: 10702383  
 Signed: Don Baldrige  
 Report Date: 24 Oct 2023



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## GRAPHS

