



CONSTRUCTION EQUIPMENT

19618 TGP CATERPILLAR 345BL AGS02135 - LEFT SWING DRIVE



Sample No: VCP413270
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	VCP413270	---	---	---
Sample Date	02 Oct 2023	---	---	---
Machine Hours	14659	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 169	---	---	---
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CONTAMINATION

Water	%	◆ 1.22	---	---	---
Silicon	ppm	█ 43	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 5	---	---	---



WEAR METALS

Iron	ppm	█ 77	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 19	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	1980	---	---	---
Magnesium	ppm	24	---	---	---
Zinc	ppm	930	---	---	---
Phosphorus	ppm	823	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	13	---	---	---

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.

Depot: VOLVO8769
Unique No: 10702382
Signed: Don Baldrige
Report Date: 24 Oct 2023



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VOLVO GRAPHS

