



CONSTRUCTION EQUIPMENT

51535 VOLVO L120H 632867 - FRONT AXLE



Sample No: VCP445362
Oil Type: TRANSAXLE OIL SAE 75W80
Job No: 51535



367 - ASCENDUM MACHINERY INC - BUFORD
3779 RYDER BLVD
BUFORD, GA
US 30519
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SAMPLE INFORMATION

Sample Number	VCP445362	---	---	---
Sample Date	12 Apr 2024	---	---	---
Machine Hours	6165	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 40.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 12	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	▲ 517	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 10	---	---	---
Molybdenum	ppm	█ 13	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	21	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3681	---	---	---
Magnesium	ppm	█ 14	---	---	---
Zinc	ppm	█ 1502	---	---	---
Phosphorus	ppm	█ 1374	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 131	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear 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: VOLVO8529
Unique No: 10990254
Signed: Don Baldrige
Report Date: 23 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

