



CONSTRUCTION EQUIPMENT

VOLVO 310620 - REAR RIGHT FINAL DRIVE



Sample No: VCP0007932

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

Sample Number	VCP0007932	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	5999	---	---	---
Oil Hours	5999	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: TECHNICIAN ACCOUNT
 catherine.anastasio@wearcheck.com
 T:
 F: (904)737-1260



OIL CONDITION

Visc @ 40°C	cSt	■ 110	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	◆ 327	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 7	---	---	---



WEAR METALS

Iron	ppm	◆ 3005	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	▲ 21	---	---	---
Chromium	ppm	◆ 26	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	17	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	145	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	38	---	---	---
Phosphorus	ppm	1599	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	146	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0092
Unique No: 10777939
Signed: Don Baldrige
Report Date: 10 Dec 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

