



CONSTRUCTION EQUIPMENT

VOLVO A30F 82030 - REAR LEFT FINAL DRIVE



Sample No: VCP394931

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

Sample Number	VCP394931	---	---	---
Sample Date	18 Sep 2023	---	---	---
Machine Hours	10249	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

CONQUEST EQUIPMENT

PO BOX 1188
ESTEVAN, SK
CA S4A 2H8
Contact: Service Manager
sales@conquestequipment.ca
T: (888)724-7404
F:



OIL CONDITION

Visc @ 40°C	cSt	52.0	---	---	---
-------------	-----	------	-----	-----	-----



CONTAMINATION

Silicon	ppm	▲ 53	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 2	---	---	---



WEAR METALS

Iron	ppm	■ 244	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	▲ 12	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	251	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	102	---	---	---
Phosphorus	ppm	2402	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	242	---	---	---

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 recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Aluminum ppm levels are noted. All other component wear rates are normal. 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: CONEST
Unique No: 5658813
Signed: Kevin Marson
Report Date: 18 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

