



CONSTRUCTION EQUIPMENT

2632-2 ESTES VOLVO A30C 2380 - REAR AXLE



Sample No: VCP441114
Oil Type: GEAR OIL SAE 80W90
Job No: 2632-2 ESTES



SAMPLE INFORMATION

Sample Number	VCP441114	---	---	---
Sample Date	01 Nov 2023	---	---	---
Machine Hours	15371	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

MCLLUNG-LOGAN EQUIPMENT CO - WISE
 PO BOX 1158
 WISE, VA
 US 24293
 Contact: DANNY BARRINGTON
 dbarrington@mcclung-logan.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 164	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 193	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 6	---	---	---



WEAR METALS

Iron	ppm	█ 553	---	---	---
Copper	ppm	█ 36	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	▲ 20	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 402	---	---	---
Magnesium	ppm	█ 26	---	---	---
Zinc	ppm	█ 180	---	---	---
Phosphorus	ppm	█ 879	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 71	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8881
Unique No: 10727733
Signed: Doug Bogart
Report Date: 07 Nov 2023



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GRAPHS

