



CONSTRUCTION EQUIPMENT

RS0034482 VOLVO A30G 752 147 - REAR AXLE



Sample No: VCP426972
Oil Type: COWIN 80W90
Job No: RSO034482



SAMPLE INFORMATION

Sample Number	VCP426972	---	---	---
Sample Date	29 Jun 2023	---	---	---
Machine Hours	2662	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE

PENSACOLA, FL

US 32534

Contact: HUGH DOBBS

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OIL CONDITION

Visc @ 40°C	cSt	█ 159	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 68	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 8	---	---	---



WEAR METALS

Iron	ppm	█ 328	---	---	---
Copper	ppm	█ 42	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	6	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	14	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	29	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	9	---	---	---
Phosphorus	ppm	1064	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	176	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8247
Unique No: 10562988
Signed: Don Baldrige
Report Date: 20 Jul 2023



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GRAPHS

