



CONSTRUCTION EQUIPMENT

RS0036684 GROVE RT770 237556 - REAR LEFT FINAL DRIVE



Sample No: VCP430903
Oil Type: COWIN 80W90
Job No: RS0036684



SAMPLE INFORMATION

Sample Number	VCP430903	---	---	---
Sample Date	10 Jan 2024	---	---	---
Machine Hours	211	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE
PENSACOLA, FL
US 32534

Contact: HUGH DOBBS
HDOBBS@COWIN.COM
T: (850)479-3004
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OIL CONDITION

Visc @ 40°C	cSt	█ 124	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 10	---	---	---



WEAR METALS

Iron	ppm	█ 70	---	---	---
Copper	ppm	█ 41	---	---	---
Lead	ppm	█ 6	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	35	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	78	---	---	---
Phosphorus	ppm	1102	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	147	---	---	---

Diagnosis

Resample at the next service interval to monitor. All 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: VOLVO8247
Unique No: 10834533
Signed: Wes Davis
Report Date: 18 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

