



CONSTRUCTION EQUIPMENT

RS0036754 VOLVO A30G 752104 - REAR AXLE



Sample No: VCP431844
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: RS0036754



SAMPLE INFORMATION

Sample Number	VCP431844	VCP320078	VCP317537	---
Sample Date	31 Jan 2024	24 Aug 2021	28 Jul 2021	---
Machine Hours	4113	1027	968	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ATTENTION	---

COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE
 PENSACOLA, FL
 US 32534

Contact: HUGH DOBBS
 HDOBBS@COWIN.COM
 T: (850)479-3004
 F: (850)474-1602



OIL CONDITION

Visc @ 40°C	cSt	129	111	59.5	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	3	6	---
Sodium	ppm	0	<1	<1	---
Potassium	ppm	<1	0	3	---



WEAR METALS

Iron	ppm	104	103	221	---
Copper	ppm	10	4	20	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	2	<1	0	---
Chromium	ppm	<1	2	5	---
Molybdenum	ppm	<1	3	9	---
Nickel	ppm	0	<1	3	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	5	19	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	84	108	504	---
Magnesium	ppm	4	4	0	---
Zinc	ppm	42	57	188	---
Phosphorus	ppm	835	1046	1541	---
Barium	ppm	6	0	2	---
Boron	ppm	160	186	244	---

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: 10863740
Signed: Wes Davis
Report Date: 07 Feb 2024



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GRAPHS

