



CONSTRUCTION EQUIPMENT

SW0071894 VOLVO A30G 753219 - BOGIE/CENTER AXLE



Sample No: VCP441718

Oil Type: COWIN 80W90

Job No: SW0071894



SAMPLE INFORMATION

Sample Number	VCP441718	VCP434668	VCP412719	VCP423666
Sample Date	09 May 2024	23 Jan 2024	13 Sep 2023	12 Jun 2023
Machine Hours	2028	1500	1000	500
Oil Hours	0	1500	1000	500
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

SANTA ROSA COUNTY LANDFILLS

6337 DA LISA RD

MILTON, FL

US 32583

Contact: ROLAND MCKINNON

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F:



OIL CONDITION

Visc @ 40°C	cSt	85.1	88.0	87.5	88.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	4	5
Sodium	ppm	2	<1	1	2
Potassium	ppm	2	3	2	4



WEAR METALS

Iron	ppm	206	328	209	181
Copper	ppm	36	35	24	18
Lead	ppm	0	0	0	0
Tin	ppm	2	2	<1	<1
Aluminum	ppm	<1	0	<1	0
Chromium	ppm	4	5	4	4
Molybdenum	ppm	4	5	3	5
Nickel	ppm	2	3	2	3
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	8	10	7	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	820	847	822	914
Magnesium	ppm	3	2	5	5
Zinc	ppm	349	376	361	397
Phosphorus	ppm	1251	1422	1286	1331
Barium	ppm	4	7	6	6
Boron	ppm	216	242	209	243

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: SANMILFL

Unique No: 11023577

Signed: Wes Davis

Report Date: 14 May 2024



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GRAPHS

