



CONSTRUCTION EQUIPMENT

SWO-072452 VOLVO A30G 752677 - BOGIE/CENTER AXLE



Sample No: VCP440071
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-072452



SAMPLE INFORMATION

Sample Number	VCP440071	VCP438629	VCP435658	VCP434421
Sample Date	05 Jun 2024	07 Mar 2024	16 Nov 2023	18 Sep 2023
Machine Hours	3335	2834	2403	1919
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
BIRMINGHAM, AL
US 35207

Contact: STEPHANI BRITTON
sbritton@saiia.com;doug.bogart@wearcheck.com
T: (205)943-2268
F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	136	133	131	89.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	6	6	9
Sodium	ppm	4	5	2	2
Potassium	ppm	7	2	6	6



WEAR METALS

Iron	ppm	49	333	264	465
Copper	ppm	6	9	8	33
Lead	ppm	4	0	0	0
Tin	ppm	2	<1	0	1
Aluminum	ppm	1	<1	1	1
Chromium	ppm	<1	5	4	8
Molybdenum	ppm	7	12	11	31
Nickel	ppm	0	1	2	4
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	10	8	17
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	483	1297	1290	731
Magnesium	ppm	34	10	28	3
Zinc	ppm	264	559	581	304
Phosphorus	ppm	878	1114	1080	1346
Barium	ppm	0	0	0	<1
Boron	ppm	105	114	128	251

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: SAIBIR
Unique No: 11074389
Signed: Don Baldrige
Report Date: 13 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

