



CONSTRUCTION EQUIPMENT

SWO-066958 VOLVO A60 340124 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP431518
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-066958



SAMPLE INFORMATION

Sample Number	VCP431518	VCP408943	VCP402473	VCP364032
Sample Date	06 Nov 2023	15 Jun 2023	04 Mar 2023	26 Oct 2022
Machine Hours	8770	2220	7828	7297
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
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OIL CONDITION

Visc @ 40°C	cSt	291	291	207	209
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CONTAMINATION

Silicon	ppm	4	4	3	2
Sodium	ppm	0	0	<1	0
Potassium	ppm	0	<1	<1	0



WEAR METALS

Iron	ppm	25	26	37	29
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	<1	2	4	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	66	65	154	138
Magnesium	ppm	23	23	24	25
Zinc	ppm	54	57	79	82
Phosphorus	ppm	965	1075	1112	1168
Barium	ppm	0	2	0	0
Boron	ppm	193	204	167	190

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: 10735596
Signed: Sean Felton
Report Date: 10 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

