



CONSTRUCTION EQUIPMENT

SWO-067874 VOLVO A60 340104 - BOGIE/CENTER AXLE



Sample No: VCP428520
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-067874



SAMPLE INFORMATION

Sample Number	VCP428520	VCP426205	VCP405926	VCP390130
Sample Date	30 Nov 2023	24 Aug 2023	17 Apr 2023	08 Nov 2022
Machine Hours	9185	8689	8086	7528
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	294	292	228	229
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	2	1
Sodium	ppm	2	0	0	0
Potassium	ppm	0	0	0	1

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.



WEAR METALS

Iron	ppm	16	15	57	30
Copper	ppm	<1	0	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	0
Chromium	ppm	0	<1	1	<1
Molybdenum	ppm	2	3	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	2
Manganese	ppm	<1	<1	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	58	56	75	79
Magnesium	ppm	25	24	16	21
Zinc	ppm	53	51	28	52
Phosphorus	ppm	1004	992	1135	1029
Barium	ppm	0	0	0	0
Boron	ppm	192	193	205	173

Depot: SAIBIR
Unique No: 10776613
Signed: Don Baldrige
Report Date: 08 Dec 2023



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GRAPHS

