



CONSTRUCTION EQUIPMENT

SWO-067233 VOLVO A60 A60H 340126 - BOGIE/CENTER AXLE



Sample No: VCP431059
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-067233



SAMPLE INFORMATION

Sample Number	VCP431059	VCP424668	VCP397729	VCP381324
Sample Date	03 Nov 2023	11 Jul 2023	20 Jan 2023	19 Oct 2022
Machine Hours	9145	8645	7659	7148
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	242	204	57.1	56.8
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CONTAMINATION

Silicon	ppm	9	3	2	2
Sodium	ppm	<1	<1	4	1
Potassium	ppm	0	<1	<1	0



WEAR METALS

Iron	ppm	68	39	115	116
Copper	ppm	0	<1	3	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	1	<1	2	2
Molybdenum	ppm	4	2	<1	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	2
Manganese	ppm	1	1	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	69	44	29	8
Magnesium	ppm	27	39	1	0
Zinc	ppm	61	82	15	3
Phosphorus	ppm	903	1346	2039	2106
Barium	ppm	0	0	0	0
Boron	ppm	157	194	247	244

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: 10735623
Signed: Sean Felton
Report Date: 10 Nov 2023

VOLVO GRAPHS

