



CONSTRUCTION EQUIPMENT

SWO-067232 VOLVO A60H 350067 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP431898
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-067232



SAMPLE INFORMATION

Sample Number	VCP431898	VCP405261	VCP410184	VCP366087
Sample Date	03 Nov 2023	12 Jul 2023	31 Mar 2023	09 Nov 2022
Machine Hours	6403	5889	5382	4893
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	299	287	287	288
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CONTAMINATION

Silicon	ppm	8	3	3	2
Sodium	ppm	0	0	0	0
Potassium	ppm	0	1	<1	0

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	47	53	41	15
Copper	ppm	0	2	1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	0	0	0
Chromium	ppm	<1	1	1	<1
Molybdenum	ppm	6	4	3	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	108	126	120	102
Magnesium	ppm	28	20	23	19
Zinc	ppm	65	77	73	20
Phosphorus	ppm	926	1002	992	825
Barium	ppm	0	0	0	0
Boron	ppm	187	165	171	143

Depot: SAIBIR
Unique No: 10735592
Signed: Sean Felton
Report Date: 10 Nov 2023



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GRAPHS

