



CONSTRUCTION EQUIPMENT

VOLVO A60H 350022 - BOGIE/CENTER AXLE



Sample No: VCP450818
Oil Type: GEAR OIL SAE 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP450818	VCP441457	VCP427441	VCP402631
Sample Date	06 Jun 2024	23 Jan 2024	27 Sep 2023	01 May 2023
Machine Hours	8426	7905	7399	6905
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	280	302	297	296
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	2	2	1
Sodium	ppm	0	0	0	1
Potassium	ppm	<1	2	0	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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	10	33	26	27
Copper	ppm	<1	<1	0	1
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	<1	2	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	10	2	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	2	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	136	137	123	117
Magnesium	ppm	48	24	23	25
Zinc	ppm	123	104	85	86
Phosphorus	ppm	878	1080	1147	1047
Barium	ppm	0	0	0	0
Boron	ppm	170	192	181	156

Depot: SAIBIR
Unique No: 11075577
Signed: Don Baldrige
Report Date: 14 Jun 2024



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VOLVO GRAPHS

