



CONSTRUCTION EQUIPMENT

SWO-072403 VOLVO A60H 340044 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP440079
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-072403



SAMPLE INFORMATION

Sample Number	VCP440079	VCP446311	VCP414013	VCP405932
Sample Date	31 May 2024	01 Feb 2024	04 Aug 2023	11 May 2023
Machine Hours	9784	9302	8791	8303
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	294	300	299	310
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	9	4	3
Sodium	ppm	<1	0	0	0
Potassium	ppm	0	<1	1	<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	32	27	17	12
Copper	ppm	0	<1	2	0
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	5	6	2	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	90	86	95	57
Magnesium	ppm	42	43	29	27
Zinc	ppm	96	77	78	63
Phosphorus	ppm	1084	1047	1017	976
Barium	ppm	0	0	2	0
Boron	ppm	175	181	196	181

Depot: SAIBIR
Unique No: 11071124
Signed: Jonathan Hester
Report Date: 12 Jun 2024

VOLVO **GRAPHS**

