



CONSTRUCTION EQUIPMENT

SWO-069192 VOLVO A60H 340044 - BOGIE/CENTER AXLE



Sample No: VCP446726
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-069192



SAMPLE INFORMATION

Sample Number	VCP446726	VCP415558	VCP410187	VCP396645
Sample Date	01 Feb 2024	04 Aug 2023	11 May 2023	21 Feb 2023
Machine Hours	9302	8791	8303	7835
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	300	310	312	288
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	6	3	4
Sodium	ppm	0	0	0	<1
Potassium	ppm	2	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	34	18	13	39
Copper	ppm	<1	<1	0	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	0	1
Chromium	ppm	<1	0	<1	1
Molybdenum	ppm	6	2	2	5
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	95	62	58	126
Magnesium	ppm	50	29	27	36
Zinc	ppm	93	65	64	82
Phosphorus	ppm	972	1012	989	815
Barium	ppm	5	2	0	<1
Boron	ppm	189	194	185	126

Depot: SAIBIR
Unique No: 10863748
Signed: Jonathan Hester
Report Date: 08 Feb 2024



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VOLVO GRAPHS

