



CONSTRUCTION EQUIPMENT

SWO-069192 VOLVO A60H 340044 - FRONT AXLE



Sample No: VCP441317
Oil Type: GEAR OIL SAE 90W140
Job No: SWO-069192



SAMPLE INFORMATION

Sample Number	VCP441317	VCP414067	VCP410144	VCP396633
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	307	309	308	283
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	4	2
Sodium	ppm	0	0	0	<1
Potassium	ppm	1	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	29	17	11	27
Copper	ppm	0	<1	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	0	0	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	2	2	2	6
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	86	61	57	126
Magnesium	ppm	34	31	28	42
Zinc	ppm	61	66	63	85
Phosphorus	ppm	868	1035	979	803
Barium	ppm	5	2	0	<1
Boron	ppm	176	200	180	121

Depot: SAIBIR
Unique No: 10863746
Signed: Jonathan Hester
Report Date: 08 Feb 2024



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VOLVO GRAPHS

