



CONSTRUCTION EQUIPMENT

SWO-069192 VOLVO A60H 340044 - REAR AXLE



Sample No: VCP446752
Oil Type: GEAR OIL SAE 90W140
Job No: SWO-069192



SAMPLE INFORMATION

Sample Number	VCP446752	VCP427231	VCP410141	VCP406391
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	309	309	311	278
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	4	3	3
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	28	18	13	34
Copper	ppm	<1	<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	89	62	71	146
Magnesium	ppm	36	32	30	44
Zinc	ppm	62	67	69	92
Phosphorus	ppm	845	1019	991	790
Barium	ppm	5	2	0	<1
Boron	ppm	176	195	181	119

Depot: SAIBIR
Unique No: 10863751
Signed: Jonathan Hester
Report Date: 08 Feb 2024



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VOLVO GRAPHS

