



CONSTRUCTION EQUIPMENT

SWO-066958 VOLVO A60 340124 - FRONT AXLE



Sample No: VCP431510
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-066958



SAMPLE INFORMATION

Sample Number	VCP431510	VCP423810	VCP402398	VCP363534
Sample Date	06 Nov 2023	15 Jun 2023	04 Mar 2023	26 Oct 2022
Machine Hours	8770	2220	7828	7297
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	291	292	207	206
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CONTAMINATION

Silicon	ppm	3	4	3	1
Sodium	ppm	1	0	<1	0
Potassium	ppm	1	<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	24	25	40	27
Copper	ppm	0	<1	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	0	0
Chromium	ppm	<1	<1	1	<1
Molybdenum	ppm	2	2	4	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	91	64	135	138
Magnesium	ppm	33	24	25	25
Zinc	ppm	68	58	70	81
Phosphorus	ppm	1061	1086	1122	1171
Barium	ppm	0	2	0	0
Boron	ppm	221	208	170	192

Depot: SAIBIR
Unique No: 10735696
Signed: Jonathan Hester
Report Date: 10 Nov 2023



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VOLVO GRAPHS

