



CONSTRUCTION EQUIPMENT

SWO-066958 VOLVO A60 340124 - FRONT RIGHT FINAL DRIVE



Sample No: VCP431516
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-066958



SAMPLE INFORMATION

Sample Number	VCP431516	VCP423808	VCP402464	VCP363654
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	290	208	207
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CONTAMINATION

Silicon	ppm	4	4	3	1
Sodium	ppm	0	0	<1	0
Potassium	ppm	0	<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	24	39	28
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	<1	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	66	64	138	129
Magnesium	ppm	25	23	23	24
Zinc	ppm	55	57	68	78
Phosphorus	ppm	984	1071	1093	1144
Barium	ppm	0	2	0	0
Boron	ppm	193	205	167	188

Depot: SAIBIR
Unique No: 10735595
Signed: Sean Felton
Report Date: 10 Nov 2023



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GRAPHS

