



CONSTRUCTION EQUIPMENT

SWO-071488 VOLVO A60 340124 - FRONT RIGHT FINAL DRIVE



Sample No: VCP455488
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-071488



SAMPLE INFORMATION

Sample Number	VCP455488	VCP431516	VCP423808	VCP402464
Sample Date	25 Apr 2024	06 Nov 2023	15 Jun 2023	04 Mar 2023
Machine Hours	9238	8770	2220	7828
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	291	291	290	208
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	4	4	3
Sodium	ppm	<1	0	0	<1
Potassium	ppm	0	0	<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	30	24	24	39
Copper	ppm	0	0	<1	<1
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	<1	2	4
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	66	64	138
Magnesium	ppm	23	25	23	23
Zinc	ppm	57	55	57	68
Phosphorus	ppm	1109	984	1071	1093
Barium	ppm	0	0	2	0
Boron	ppm	199	193	205	167

Depot: SAIBIR
Unique No: 11005578
Signed: Jonathan Hester
Report Date: 03 May 2024



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VOLVO GRAPHS

