



CONSTRUCTION EQUIPMENT

SWO-071488 VOLVO A60 340124 - FRONT AXLE



Sample No: VCP455474
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-071488



SAMPLE INFORMATION

Sample Number	VCP455474	VCP431510	VCP423810	VCP402398
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	292	291	292	207
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	3	4	3
Sodium	ppm	<1	1	0	<1
Potassium	ppm	0	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	32	24	25	40
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	2	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	71	91	64	135
Magnesium	ppm	22	33	24	25
Zinc	ppm	55	68	58	70
Phosphorus	ppm	1113	1061	1086	1122
Barium	ppm	0	0	2	0
Boron	ppm	197	221	208	170

Depot: SAIBIR
Unique No: 11005581
Signed: Jonathan Hester
Report Date: 03 May 2024

VOLVO GRAPHS

