



CONSTRUCTION EQUIPMENT

SWO-06940 VOLVO A60 340104 - FRONT AXLE



Sample No: VCP426200
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-06940



SAMPLE INFORMATION

Sample Number	VCP426200	VCP406203	VCP390134	VCP364257
Sample Date	24 Aug 2023	17 Apr 2023	08 Nov 2022	25 Aug 2022
Machine Hours	8689	8086	7528	6996
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	289	223	224	224
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CONTAMINATION

Silicon	ppm	3	2	1	2
Sodium	ppm	0	0	0	0
Potassium	ppm	<1	0	2	<1



WEAR METALS

Iron	ppm	15	59	32	27
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	3	3	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	2	0
Manganese	ppm	<1	2	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	82	98	103	82
Magnesium	ppm	24	20	24	22
Zinc	ppm	64	41	65	54
Phosphorus	ppm	986	1120	1031	940
Barium	ppm	0	0	0	<1
Boron	ppm	189	194	168	169

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.

Depot: SAIBIR
Unique No: 10630560
Signed: Don Baldrige
Report Date: 05 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

