



CONSTRUCTION EQUIPMENT

SWO-068559 VOLVO A40G 341023 - FRONT AXLE



Sample No: VCP447530
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-068559



SAMPLE INFORMATION

Sample Number	VCP447530	VCP431093	VCP408955	VCP368385
Sample Date	27 Dec 2023	20 Sep 2023	13 Jun 2023	07 Mar 2023
Machine Hours	8960	8472	7952	7404
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	308	315	324	323
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	5	2	2
Sodium	ppm	0	0	0	0
Potassium	ppm	0	<1	<1	0



WEAR METALS

Iron	ppm	0	2	6	5
Copper	ppm	0	0	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	0	<1
Chromium	ppm	1	0	0	0
Molybdenum	ppm	0	3	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	75	65	58
Magnesium	ppm	15	17	14	14
Zinc	ppm	44	53	40	35
Phosphorus	ppm	1142	1014	986	883
Barium	ppm	4	0	2	0
Boron	ppm	202	183	171	145

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: 10809857
Signed: Jonathan Hester
Report Date: 04 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

