



CONSTRUCTION EQUIPMENT

SWO-071570 VOLVO A40G 341023 - FRONT AXLE



Sample No: VCP453684
Oil Type: GEAR OIL SAE 90W140
Job No: SWO-071570



SAMPLE INFORMATION

Sample Number	VCP453684	VCP447530	VCP431093	VCP408955
Sample Date	01 May 2024	27 Dec 2023	20 Sep 2023	13 Jun 2023
Machine Hours	9466	8960	8472	7952
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	317	308	315	324
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	0	5	2
Sodium	ppm	0	0	0	0
Potassium	ppm	0	0	<1	<1



WEAR METALS

Iron	ppm	13	0	2	6
Copper	ppm	0	0	0	0
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	2	<1	0
Chromium	ppm	0	1	0	0
Molybdenum	ppm	2	0	3	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	80	74	75	65
Magnesium	ppm	14	15	17	14
Zinc	ppm	69	44	53	40
Phosphorus	ppm	1091	1142	1014	986
Barium	ppm	0	4	0	2
Boron	ppm	184	202	183	171

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: 11020309
Signed: Angela Borella
Report Date: 13 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

