



CONSTRUCTION EQUIPMENT

SWO-068559 VOLVO A40G 341023 - BOGIE/CENTER AXLE



Sample No: VCP447551
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-068559



SAMPLE INFORMATION

Sample Number	VCP447551	VCP431090	VCP408963	VCP371250
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	313	314	326	316
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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	3	8	7
Copper	ppm	0	0	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	0	0
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	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	75	62	58
Magnesium	ppm	15	17	14	13
Zinc	ppm	45	53	39	36
Phosphorus	ppm	1095	1017	977	901
Barium	ppm	4	0	2	0
Boron	ppm	198	185	168	144

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: 10809858
Signed: Jonathan Hester
Report Date: 04 Jan 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

