



CONSTRUCTION EQUIPMENT

SWO-066005 VOLVO A40G 341023 - BOGIE/CENTER AXLE



Sample No: VCP431090
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-066005



SAMPLE INFORMATION

Sample Number	VCP431090	VCP408963	VCP371250	VCP369470
Sample Date	20 Sep 2023	13 Jun 2023	07 Mar 2023	03 Nov 2022
Machine Hours	8472	7952	7404	6919
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	314	326	316	325
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CONTAMINATION

Silicon	ppm	5	2	2	2
Sodium	ppm	0	0	0	0
Potassium	ppm	<1	<1	0	0



WEAR METALS

Iron	ppm	3	8	7	4
Copper	ppm	0	0	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	0	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	3	2	2	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	75	62	58	59
Magnesium	ppm	17	14	13	15
Zinc	ppm	53	39	36	23
Phosphorus	ppm	1017	977	901	880
Barium	ppm	0	2	0	0
Boron	ppm	185	168	144	150

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: 10661388
Signed: Don Baldrige
Report Date: 26 Sep 2023



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GRAPHS

