



CONSTRUCTION EQUIPMENT

SWO-064541 VOLVO A60H 350051 - BOGIE/CENTER AXLE



Sample No: VCP417540
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-064541



SAMPLE INFORMATION

Sample Number	VCP417540	VCP424543	VCP393616	VCP364262
Sample Date	03 Aug 2023	28 Apr 2023	21 Dec 2022	31 Aug 2022
Machine Hours	6858	6390	5828	5303
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
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US 35207

Contact: STEPHANI BRITTON
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OIL CONDITION

Visc @ 40°C	cSt	281	279	137	138
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CONTAMINATION

Silicon	ppm	3	4	1	1
Sodium	ppm	0	1	<1	0
Potassium	ppm	2	<1	<1	0



WEAR METALS

Iron	ppm	62	82	24	19
Copper	ppm	<1	<1	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	0
Chromium	ppm	2	2	<1	<1
Molybdenum	ppm	2	2	3	3
Nickel	ppm	<1	1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	2	2	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	62	74	58	47
Magnesium	ppm	12	13	27	17
Zinc	ppm	45	55	86	75
Phosphorus	ppm	1054	1084	1010	914
Barium	ppm	0	0	0	0
Boron	ppm	200	176	50	58

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: 10589844
Signed: Sean Felton
Report Date: 08 Aug 2023



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GRAPHS

