



CONSTRUCTION EQUIPMENT

SWO-064541 VOLVO A60H 350051 - FRONT AXLE



Sample No: VCP416741
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-064541



SAMPLE INFORMATION

Sample Number	VCP416741	VCP424542	VCP392795	VCP364268
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
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
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OIL CONDITION

Visc @ 40°C	cSt	274	273	137	137
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CONTAMINATION

Silicon	ppm	5	3	2	2
Sodium	ppm	0	<1	<1	0
Potassium	ppm	2	<1	<1	0



WEAR METALS

Iron	ppm	94	85	41	33
Copper	ppm	<1	<1	<1	<1
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	3	2	3	3
Nickel	ppm	<1	1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	3	3	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	80	59	54	76
Magnesium	ppm	16	15	26	17
Zinc	ppm	63	51	81	88
Phosphorus	ppm	1346	1079	991	907
Barium	ppm	0	0	0	0
Boron	ppm	237	168	49	57

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: 10589864
Signed: Sean Felton
Report Date: 08 Aug 2023



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GRAPHS

