



CONSTRUCTION EQUIPMENT

SWO-063883 VOLVO A60H 350067 - BOGIE/CENTER AXLE



Sample No: VCP404726
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-063883



SAMPLE INFORMATION

Sample Number	VCP404726	VCP410202	VCP387910	VCP354695
Sample Date	12 Jul 2023	31 Mar 2023	09 Nov 2022	02 Aug 2022
Machine Hours	5889	5382	4893	4363
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
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OIL CONDITION

Visc @ 40°C	cSt	288	285	290	289
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CONTAMINATION

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



WEAR METALS

Iron	ppm	54	41	15	11
Copper	ppm	2	2	<1	7
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	0	0	<1
Chromium	ppm	1	1	<1	<1
Molybdenum	ppm	4	3	3	2
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	1	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	119	132	103	98
Magnesium	ppm	20	22	21	20
Zinc	ppm	70	79	23	62
Phosphorus	ppm	1004	959	883	875
Barium	ppm	0	0	0	2
Boron	ppm	166	164	156	142

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: 10561651
Signed: Sean Felton
Report Date: 19 Jul 2023



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GRAPHS

