



CONSTRUCTION EQUIPMENT

SWO-067233 VOLVO A60 A60H 340126 - DROP BOX



Sample No: VCP431019
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-067233



SAMPLE INFORMATION

Sample Number	VCP431019	VCP414098	VCP397700	VCP381252
Sample Date	03 Nov 2023	11 Jul 2023	20 Jan 2023	19 Oct 2022
Machine Hours	9145	8645	7659	7148
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	ATTENTION	ATTENTION

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
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OIL CONDITION

Visc @ 40°C	cSt	292	293	210	206
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CONTAMINATION

Silicon	ppm	16	17	59	53
Sodium	ppm	7	7	29	24
Potassium	ppm	0	<1	1	0



WEAR METALS

Iron	ppm	28	28	66	51
Copper	ppm	<1	2	5	4
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	3	3	4	3
Chromium	ppm	0	<1	2	1
Molybdenum	ppm	<1	3	9	8
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	4	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	59	66	153	169
Magnesium	ppm	25	28	<1	<1
Zinc	ppm	79	91	126	133
Phosphorus	ppm	956	1136	879	996
Barium	ppm	0	0	2	<1
Boron	ppm	142	155	111	118

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: 10735622
Signed: Sean Felton
Report Date: 10 Nov 2023



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GRAPHS

