



CONSTRUCTION EQUIPMENT

SWO-064724 VOLVO A60H 340044 - FRONT AXLE



Sample No: VCP414067
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-064724



SAMPLE INFORMATION

Sample Number	VCP414067	VCP410144	VCP396633	VCP379501
Sample Date	04 Aug 2023	11 May 2023	21 Feb 2023	19 Oct 2022
Machine Hours	8791	8303	7835	7312
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC
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OIL CONDITION

Visc @ 40°C	cSt	309	308	283	285
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CONTAMINATION

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



WEAR METALS

Iron	ppm	17	11	27	11
Copper	ppm	<1	0	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	0
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	2	2	6	5
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	61	57	126	112
Magnesium	ppm	31	28	42	41
Zinc	ppm	66	63	85	75
Phosphorus	ppm	1035	979	803	774
Barium	ppm	2	0	<1	0
Boron	ppm	200	180	121	107

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: 10607567
Signed: Sean Felton
Report Date: 18 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

