



CONSTRUCTION EQUIPMENT

SWO-063670 VOLVO A60 A60H 340126 - BOGIE/CENTER RIGHT FINAL DRIVE



Sample No: VCP414281
Oil Type: Final Drive Oil
Job No: SWO-063670



SAMPLE INFORMATION

Sample Number	VCP414281	VCP402614	VCP380956	VCP379502
Sample Date	11 Jul 2023	10 Apr 2023	20 Jan 2023	19 Oct 2022
Machine Hours	8645	8117	7659	7148
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	204	203	56.8	56.8
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CONTAMINATION

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

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.



WEAR METALS

Iron	ppm	41	37	111	116
Copper	ppm	1	0	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	<1	0	2	2
Molybdenum	ppm	2	<1	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	47	42	7	14
Magnesium	ppm	39	36	0	0
Zinc	ppm	84	67	5	5
Phosphorus	ppm	1358	1153	1984	2083
Barium	ppm	0	0	<1	0
Boron	ppm	196	200	244	243

Depot: SAIBIR
Unique No: 10560343
Signed: Don Baldrige
Report Date: 17 Jul 2023

VOLVO **GRAPHS**

