



CONSTRUCTION EQUIPMENT

SWO-064724 VOLVO A60H 340044 - DROP BOX



Sample No: VCP411747
Oil Type: GEAR OIL SAE 90W140
Job No: SWO-064724



SAMPLE INFORMATION

Sample Number	VCP411747	VCP410193	VCP392791	VCP379504
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	304	307	243	244
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CONTAMINATION

Silicon	ppm	5	4	5	4
Sodium	ppm	0	0	<1	0
Potassium	ppm	1	<1	<1	0



WEAR METALS

Iron	ppm	67	48	108	83
Copper	ppm	3	2	8	8
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	<1	5	4
Chromium	ppm	<1	<1	1	1
Molybdenum	ppm	2	2	4	4
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	44	56	99	109
Magnesium	ppm	27	25	33	34
Zinc	ppm	61	66	77	78
Phosphorus	ppm	1053	1002	931	997
Barium	ppm	2	0	<1	0
Boron	ppm	194	178	129	131

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: 10607566
Signed: Sean Felton
Report Date: 18 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

