



CONSTRUCTION EQUIPMENT

VOLVO A60H 350190 - DROP BOX



Sample No: VCP433967
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP433967	VCP395230	VCP388113	VCP391139
Sample Date	05 Sep 2023	05 May 2023	19 Jan 2023	28 Sep 2022
Machine Hours	2618	2128	1651	1183
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	44.0	44.2	44.7	44.5
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CONTAMINATION

Silicon	ppm	58	56	55	53
Sodium	ppm	6	6	7	9
Potassium	ppm	2	<1	<1	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	94	83	76	70
Copper	ppm	25	16	14	13
Lead	ppm	0	0	<1	1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	1	1	2
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	3	2	2	3
Vanadium	ppm	0	0	0	2



ADDITIVES

Calcium	ppm	61	62	63	59
Magnesium	ppm	5	4	4	0
Zinc	ppm	93	81	88	58
Phosphorus	ppm	2270	2264	2230	2466
Barium	ppm	0	0	2	0
Boron	ppm	88	97	125	142

Depot: SAIBIR
Unique No: 10643544
Signed: Sean Felton
Report Date: 13 Sep 2023



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GRAPHS

