



CONSTRUCTION EQUIPMENT

SWO-071763 VOLVO A60H 340039 - DROP BOX



Sample No: VCP449652
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-071763



SAMPLE INFORMATION

Sample Number	VCP449652	VCP441434	VCP428988	VCP410903
Sample Date	07 May 2024	18 Jan 2024	27 Sep 2023	20 Jun 2023
Machine Hours	9022	8521	8052	7542
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	285	284	284	284
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	5	4
Sodium	ppm	<1	4	5	5
Potassium	ppm	2	1	1	<1

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	8	6	12	14
Copper	ppm	1	0	2	<1
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	2	0	0	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	9	6	3	4
Nickel	ppm	0	<1	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	110	106	72	78
Magnesium	ppm	33	31	13	16
Zinc	ppm	119	104	46	64
Phosphorus	ppm	937	743	876	997
Barium	ppm	2	<1	0	0
Boron	ppm	132	115	99	134

Depot: SAIBIR
Unique No: 11021956
Signed: Sean Felton
Report Date: 14 May 2024



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GRAPHS

