



CONSTRUCTION EQUIPMENT

SWO-072403 VOLVO A60H 340044 - REAR RIGHT FINAL DRIVE



Sample No: VCP06203666
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-072403



SAMPLE INFORMATION

Sample Number	VCP06203666	VCP446684	VCP427233	VCP405927
Sample Date	31 May 2024	01 Feb 2024	04 Aug 2023	11 May 2023
Machine Hours	9784	9302	8791	8303
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	306	308	308	311
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	6	4	4
Sodium	ppm	0	0	0	<1
Potassium	ppm	0	<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	31	30	25	16
Copper	ppm	0	<1	<1	0
Lead	ppm	0	<1	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	<1	0	0
Chromium	ppm	0	1	<1	<1
Molybdenum	ppm	2	4	2	3
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	73	70	63	76
Magnesium	ppm	37	37	32	39
Zinc	ppm	76	56	69	83
Phosphorus	ppm	1139	1087	1025	1213
Barium	ppm	0	0	2	0
Boron	ppm	195	199	195	226

Depot: SAIBIR
Unique No: 11071127
Signed: Jonathan Hester
Report Date: 12 Jun 2024



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GRAPHS

