



CONSTRUCTION EQUIPMENT

SWO-071763 VOLVO A60H 340039 - REAR RIGHT FINAL DRIVE



Sample No: VCP454753
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-071763



SAMPLE INFORMATION

Sample Number	VCP454753	VCP440680	VCP435427	VCP412596
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 Changd	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC
 4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207
 Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	279	284	264	266
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	2	2
Sodium	ppm	0	2	<1	<1
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	9	6	13	16
Copper	ppm	<1	0	0	0
Lead	ppm	<1	0	0	0
Tin	ppm	<1	<1	<1	0
Aluminum	ppm	2	0	0	0
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	8	6	2	3
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	131	126	83	101
Magnesium	ppm	37	36	12	16
Zinc	ppm	121	106	30	50
Phosphorus	ppm	972	782	887	1017
Barium	ppm	2	<1	0	0
Boron	ppm	160	138	144	188

Depot: SAIBIR
Unique No: 11021952
Signed: Sean Felton
Report Date: 14 May 2024



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VOLVO GRAPHS

