



CONSTRUCTION EQUIPMENT

SWO-071763 VOLVO A60H 340039 - REAR LEFT FINAL DRIVE



Sample No: VCP450910
Oil Type: GEAR OIL SAE 80W140
Job No: SWO-071763



SAMPLE INFORMATION

Sample Number	VCP450910	VCP441428	VCP433853	VCP412505
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
 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	283	266	267
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	1	2
Sodium	ppm	0	2	<1	<1
Potassium	ppm	1	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	8	5	4	15
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	0	<1
Molybdenum	ppm	8	6	1	3
Nickel	ppm	0	<1	0	0
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	130	106	50	97
Magnesium	ppm	37	35	7	16
Zinc	ppm	122	97	10	48
Phosphorus	ppm	997	764	593	994
Barium	ppm	2	<1	0	0
Boron	ppm	162	131	88	183

Depot: SAIBIR
Unique No: 11021955
Signed: Sean Felton
Report Date: 14 May 2024



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GRAPHS

