



CONSTRUCTION EQUIPMENT

SWO073151 VOLVO A60H 350021 - FRONT LEFT FINAL DRIVE



Sample No: VCP443907
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO073151



SAMPLE INFORMATION

Sample Number	VCP443907	VCP444451	VCP427448	VCP408964
Sample Date	26 Jun 2024	15 Feb 2024	25 Sep 2023	12 Jun 2023
Machine Hours	8427	7887	7398	6877
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	Not Changd	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	268	338	336	330
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	2	2	1
Sodium	ppm	1	<1	0	0
Potassium	ppm	1	<1	0	<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	32	15	14
Copper	ppm	1	0	0	0
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	2	0
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	10	<1	1	2
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	159	95	74	73
Magnesium	ppm	51	11	9	9
Zinc	ppm	137	67	56	69
Phosphorus	ppm	1085	1072	1151	1046
Barium	ppm	0	0	0	2
Boron	ppm	162	162	187	182

Depot: SAIBIR
Unique No: 11114024
Signed: Don Baldrige
Report Date: 10 Jul 2024



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GRAPHS

