



CONSTRUCTION EQUIPMENT

SWO-06927 VOLVO A60H 350022 - FRONT LEFT FINAL DRIVE



Sample No: VCP443292
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-06927



SAMPLE INFORMATION

Sample Number	VCP443292	VCP427443	VCP424698	VCP366095
Sample Date	23 Jan 2024	27 Sep 2023	01 May 2023	29 Nov 2022
Machine Hours	7905	7399	6905	6420
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	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	310	310	308	309
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	1
Sodium	ppm	0	0	<1	0
Potassium	ppm	2	0	0	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	54	43	41	17
Copper	ppm	0	0	1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	2	0	<1
Chromium	ppm	1	1	1	<1
Molybdenum	ppm	2	2	3	2
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	110	113	109	106
Magnesium	ppm	21	20	20	18
Zinc	ppm	91	79	79	83
Phosphorus	ppm	1095	1163	1030	974
Barium	ppm	0	0	0	0
Boron	ppm	198	184	152	159

Depot: SAIBIR
Unique No: 10849937
Signed: Don Baldrige
Report Date: 31 Jan 2024

VOLVO **GRAPHS**

