



CONSTRUCTION EQUIPMENT

SWO-070332 VOLVO A45G 352705 - DROP BOX



Sample No: VCP452409
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: SWO-070332



SAMPLE INFORMATION

Sample Number	VCP452409	VCP431051	VCP411889	VCP402778
Sample Date	12 Mar 2024	14 Nov 2023	09 Aug 2023	14 Apr 2023
Machine Hours	5950	5454	4958	4480
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	145	146	144	148
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	13	6	8
Sodium	ppm	<1	0	0	<1
Potassium	ppm	0	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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	39	53	30	30
Copper	ppm	2	3	3	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	1	0	<1
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	4	5	5	5
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	58	65	62	67
Magnesium	ppm	6	12	11	3
Zinc	ppm	276	295	298	331
Phosphorus	ppm	963	1104	1107	1269
Barium	ppm	0	0	2	0
Boron	ppm	96	107	123	155

Depot: SAIBIR
Unique No: 10930011
Signed: Don Baldrige
Report Date: 20 Mar 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

