



CONSTRUCTION EQUIPMENT

339661-10 VOLVO A45G 342461 - BOGIE/CENTER AXLE



Sample No: VCP433494
Oil Type: VOLVO API GL-5 SAE 75W90
Job No: 339661-10



SAMPLE INFORMATION

Sample Number	VCP433494	VCP346587	VCP372494	VCP338606
Sample Date	07 Sep 2023	06 Aug 2022	27 Jun 2022	12 Mar 2022
Machine Hours	9629	7000	6550	6036
Oil Hours	0	0	0	0
Oil Changed	N/A	Not Changd	Not Changd	Changed
Sample Status	NORMAL	ATTENTION	ATTENTION	NORMAL

ALTA CONSTRUCTION EQUIPMENT
613 E STEVENSON RD
OTTAWA, IL
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Contact: ALEX MARCO
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OIL CONDITION

Visc @ 40°C	cSt	121	43.2	43.2	49.0
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CONTAMINATION

Silicon	ppm	9	10	13	4
Sodium	ppm	<1	6	7	0
Potassium	ppm	4	2	2	2



WEAR METALS

Iron	ppm	49	25	21	42
Copper	ppm	<1	<1	<1	2
Lead	ppm	0	<1	<1	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	0	2	2	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	2	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	7	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	77	3855	4100	203
Magnesium	ppm	3	14	17	1
Zinc	ppm	38	1565	1607	92
Phosphorus	ppm	839	1302	1352	2466
Barium	ppm	0	1	0	0
Boron	ppm	120	144	157	276

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.

Depot: VOLVO5055
Unique No: 10646487
Signed: Jonathan Hester
Report Date: 18 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

