



CONSTRUCTION EQUIPMENT

VOLVO A40G 342110 - BOGIE/CENTER AXLE



Sample No: VCP418936
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:



SAMPLE INFORMATION

Sample Number	VCP418936	VCP315970	VCP300322	VCP279701
Sample Date	16 Aug 2023	26 Jul 2021	11 Jan 2021	29 Jul 2020
Machine Hours	7194	3926	3210	2406
Oil Hours	1000	3926	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

ALTA EQUIPMENT

5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
 Contact: JIM STRIGLE
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 F: (315)434-9471



OIL CONDITION

Visc @ 40°C	cSt	52.1	52.6	52.4	52.4
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CONTAMINATION

Silicon	ppm	2	7	4	4
Sodium	ppm	2	2	2	2
Potassium	ppm	0	<1	8	<1



WEAR METALS

Iron	ppm	43	362	219	117
Copper	ppm	1	3	2	2
Lead	ppm	0	0	1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	2	<1	0
Chromium	ppm	<1	5	3	1
Molybdenum	ppm	<1	7	2	2
Nickel	ppm	0	1	1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	1
Manganese	ppm	2	12	8	6
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	73	18	18	14
Magnesium	ppm	3	2	2	1
Zinc	ppm	25	11	11	3
Phosphorus	ppm	2311	2276	2442	2241
Barium	ppm	0	0	0	<1
Boron	ppm	303	300	244	247

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: VOLV00142
Unique No: 10615348
Signed: Sean Felton
Report Date: 23 Aug 2023

VOLVO GRAPHS

