



CONSTRUCTION EQUIPMENT

659961 APTIM VOLVO A35G 340070 - BOGIE/CENTER AXLE



Sample No: VCP452121
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 659961 APTIM



SAMPLE INFORMATION

Sample Number	VCP452121	VCP422887	VCP410383	VCP420208
Sample Date	12 Jan 2024	26 Jun 2023	19 Apr 2023	19 Apr 2023
Machine Hours	9239	8469	7985	7977
Oil Hours	1000	4000	2000	2000
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	ATTENTION	ATTENTION	ATTENTION

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	292	61.4	61.7	118
-------------	-----	-----	------	------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	10	12	6
Sodium	ppm	0	3	2	<1
Potassium	ppm	1	2	4	3

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	13	276	335	128
Copper	ppm	<1	5	4	7
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	5	5	2
Chromium	ppm	<1	4	5	2
Molybdenum	ppm	11	11	13	6
Nickel	ppm	0	1	2	<1
Titanium	ppm	<1	5	6	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	21	21	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	140	77	107	165
Magnesium	ppm	46	1	5	27
Zinc	ppm	91	27	39	104
Phosphorus	ppm	973	1475	1337	1033
Barium	ppm	10	0	0	0
Boron	ppm	161	183	170	185

Depot: VOLVO0093
Unique No: 10886650
Signed: Wes Davis
Report Date: 21 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

