



CONSTRUCTION EQUIPMENT

659961 APTIM VOLVO A35G 340070 - DROP BOX



Sample No: VCP428742
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 659961 APTIM



SAMPLE INFORMATION

Sample Number	VCP428742	VCP416004	VCP411064	VCP385129
Sample Date	12 Jan 2024	26 Jun 2023	19 Apr 2023	08 Nov 2022
Machine Hours	9239	8469	7985	6869
Oil Hours	1000	8469	2000	2000
Oil Changed	N/A	Changed	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

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	234	65.6	61.8	282
-------------	-----	------------	------	------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	20	109	107	16
Sodium	ppm	1	7	6	<1
Potassium	ppm	3	8	9	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	125	637	622	69
Copper	ppm	2	5	4	5
Lead	ppm	0	<1	1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	11	50	48	7
Chromium	ppm	1	7	7	<1
Molybdenum	ppm	22	10	10	6
Nickel	ppm	0	<1	1	1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	11	11	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	260	121	113	129
Magnesium	ppm	90	35	36	29
Zinc	ppm	232	391	368	84
Phosphorus	ppm	1484	1395	1306	916
Barium	ppm	10	0	0	0
Boron	ppm	211	87	86	159

Depot: VOLVO0093
Unique No: 10886655
Signed: Sean Felton
Report Date: 21 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

