



CONSTRUCTION EQUIPMENT

687521 APTIM VOLVO A35G 340236 - DROP BOX



Sample No: VCP444133
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 687521 APTIM



SAMPLE INFORMATION

Sample Number	VCP444133	VCP445395	VCP424161	VCP364304
Sample Date	12 Mar 2024	26 Feb 2024	25 May 2023	31 Aug 2022
Machine Hours	8945	7992	6888	5673
Oil Hours	3000	4000	4000	1600
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	ATTENTION	ATTENTION	ATTENTION	ABNORMAL

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: JOHN FARDELLA
 john.fardella@altg.com
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	49.7	53.2	47.8	48.4



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	34	21	31	37
Sodium	ppm	3	15	0	1
Potassium	ppm	0	2	2	2

Diagnosis

No corrective action is recommended at this time. 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 oil viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	204	77	109	107
Copper	ppm	3	3	5	10
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	<1	<1	0
Aluminum	ppm	22	10	11	10
Chromium	ppm	2	2	1	1
Molybdenum	ppm	3	1	<1	<1
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	9	3	4	4
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	31	31	17	91
Magnesium	ppm	51	16	45	53
Zinc	ppm	175	55	93	94
Phosphorus	ppm	2497	1084	2374	2676
Barium	ppm	1	0	0	2
Boron	ppm	117	60	97	77

Depot: VOLVO0093
Unique No: 10976311
Signed: Don Baldrige
Report Date: 15 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

