



CONSTRUCTION EQUIPMENT

607508 PRIMERIS VOLVO A40G 352491 - REAR AXLE



Sample No: VCP426341
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 607508 PRIMERIS



SAMPLE INFORMATION

Sample Number	VCP426341	VCP392715	VCP364298	VCP329330
Sample Date	22 Sep 2023	25 Apr 2023	15 Aug 2022	14 Sep 2021
Machine Hours	4299	3617	2635	1219
Oil Hours	3299	3000	500	1500
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	ATTENTION	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	▲ 52.4	▲ 53.4	▲ 53.2	▲ 53.3
-------------	-----	---------------	--------	--------	--------



CONTAMINATION

Silicon	ppm	■ 10	■ 5	■ 6	■ 4
Sodium	ppm	■ <1	■ 0	■ 1	■ 2
Potassium	ppm	■ 4	■ 4	■ 3	■ <1

Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. 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	■ 439	■ 507	■ 384	■ 206
Copper	ppm	■ 8	■ 6	■ 5	■ 4
Lead	ppm	■ <1	■ 0	■ 0	■ 0
Tin	ppm	■ 0	■ 0	■ 0	■ <1
Aluminum	ppm	■ 2	■ 0	■ <1	■ <1
Chromium	ppm	■ 4	■ 7	■ 5	■ 2
Molybdenum	ppm	■ 5	■ 6	■ 5	■ 4
Nickel	ppm	■ 2	■ 1	■ <1	■ 0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	■ 13	■ 19	■ 14	■ 10
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	■ 28	■ 24	■ 20	■ 20
Magnesium	ppm	■ 2	■ 3	■ 2	■ 2
Zinc	ppm	■ 41	■ 30	■ 16	■ 16
Phosphorus	ppm	■ 2429	■ 2357	2371	2418
Barium	ppm	■ 10	■ 0	■ 0	■ 0
Boron	ppm	■ 132	■ 101	■ 82	■ 105

Depot: VOLVO0093
Unique No: 10709577
Signed: Sean Felton
Report Date: 25 Oct 2023



CONSTRUCTION EQUIPMENT



GRAPHS

