



CONSTRUCTION EQUIPMENT

633732 PRIMORIS VOLVO A40G 352781 - REAR AXLE



Sample No: VCP432437
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 633732 PRIMORIS



SAMPLE INFORMATION

Sample Number	VCP432437	VCP393526	VCP392964	VCP364285
Sample Date	15 Nov 2023	26 Apr 2023	20 Dec 2022	16 Aug 2022
Machine Hours	4220	3725	2564	2547
Oil Hours	3220	272	1500	500
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	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	307	316	260	305
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	2	3
Sodium	ppm	2	0	0	0
Potassium	ppm	<1	1	<1	1



WEAR METALS

Iron	ppm	97	106	88	101
Copper	ppm	2	1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	2	1	1	1
Molybdenum	ppm	<1	1	2	<1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	3	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	72	6	50	6
Magnesium	ppm	0	<1	4	0
Zinc	ppm	28	5	79	<1
Phosphorus	ppm	1045	1085	920	1111
Barium	ppm	0	0	0	0
Boron	ppm	189	188	164	182

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: VOLVO0093
Unique No: 10765265
Signed: Wes Davis
Report Date: 30 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

