



CONSTRUCTION EQUIPMENT

701295 PRIMORIS VOLVO A40G 352509 - BOGIE/CENTER AXLE



Sample No: VCP452268
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 701295 PRIMORIS



SAMPLE INFORMATION

Sample Number	VCP452268	VCP440796	VCP406819	VCP365219
Sample Date	12 Apr 2024	16 Nov 2023	25 Apr 2023	16 Aug 2022
Machine Hours	6123	5500	4282	3145
Oil Hours	2000	1500	3282	500
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	ATTENTION	ATTENTION

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
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OIL CONDITION

Visc @ 40°C	cSt	248	251	51.8	52.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	3	5
Sodium	ppm	<1	0	0	<1
Potassium	ppm	<1	1	4	3



WEAR METALS

Iron	ppm	76	74	416	331
Copper	ppm	<1	1	3	5
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	2	0	<1
Chromium	ppm	<1	<1	5	4
Molybdenum	ppm	12	11	5	4
Nickel	ppm	<1	0	<1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	3	2	13	15
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	138	168	17	35
Magnesium	ppm	45	42	1	<1
Zinc	ppm	98	75	15	21
Phosphorus	ppm	1054	1119	2383	2426
Barium	ppm	0	3	0	0
Boron	ppm	196	197	152	173

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: 11047522
Signed: Wes Davis
Report Date: 28 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

