



CONSTRUCTION EQUIPMENT

462431 WATER FRONT VOLVO A40G 342619 - BOGIE/CENTER AXLE



Sample No: VCP435621
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 462431 WATER FRONT



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP435621	VCP426668	---	---
Sample Date	10 Feb 2024	12 Aug 2023	---	---
Machine Hours	7777	7325	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	334	313	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	9	---	---
Sodium	ppm	0	1	---	---
Potassium	ppm	0	1	---	---



WEAR METALS

Iron	ppm	35	70	---	---
Copper	ppm	<1	3	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	0	3	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	<1	1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	61	73	---	---
Magnesium	ppm	<1	16	---	---
Zinc	ppm	21	29	---	---
Phosphorus	ppm	919	1132	---	---
Barium	ppm	0	0	---	---
Boron	ppm	199	191	---	---

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: 10875197
Signed: Wes Davis
Report Date: 14 Feb 2024



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GRAPHS

