



CONSTRUCTION EQUIPMENT

511562 SOUTH FL LAND VOLVO A40G 341663 - BOGIE/CENTER AXLE



Sample No: VCP455161
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 511562 SOUTH FL LAND



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SAMPLE INFORMATION

Sample Number	VCP455161	VCP410248	VCP297946	---
Sample Date	15 Mar 2024	01 Apr 2023	04 Jun 2021	---
Machine Hours	6192	9516	4289	---
Oil Hours	0	1000	2000	---
Oil Changed	Not Chngd	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	252	246	214	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	24	4	129	---
Sodium	ppm	0	0	<1	---
Potassium	ppm	2	0	<1	---



WEAR METALS

Iron	ppm	160	30	449	---
Copper	ppm	3	0	2	---
Lead	ppm	1	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	3	<1	0	---
Chromium	ppm	2	<1	7	---
Molybdenum	ppm	4	9	21	---
Nickel	ppm	1	0	3	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	3	13	---
Vanadium	ppm	<1	0	<1	---



ADDITIVES

Calcium	ppm	202	135	122	---
Magnesium	ppm	70	40	27	---
Zinc	ppm	130	89	55	---
Phosphorus	ppm	1075	935	927	---
Barium	ppm	1	0	0	---
Boron	ppm	209	199	185	---

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: 10942417
Signed: Wes Davis
Report Date: 27 Mar 2024



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GRAPHS

