



CONSTRUCTION EQUIPMENT

SUPERIOR VOLVO A25G 740348 - BOGIE/CENTER AXLE



Sample No: VCP440048
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: SUPERIOR



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SAMPLE INFORMATION

Sample Number	VCP440048	VCP0007708	VCP340561	---
Sample Date	09 Feb 2024	05 May 2023	09 Nov 2021	---
Machine Hours	11358	0	8776	---
Oil Hours	0	0	1500	---
Oil Changed	N/A	N/A	Changed	---
Sample Status	ATTENTION	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	272	277	285	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	9	15	---
Sodium	ppm	1	0	0	---
Potassium	ppm	0	<1	<1	---



WEAR METALS

Iron	ppm	205	166	249	---
Copper	ppm	18	17	24	---
Lead	ppm	<1	0	<1	---
Tin	ppm	<1	<1	1	---
Aluminum	ppm	<1	0	3	---
Chromium	ppm	1	2	3	---
Molybdenum	ppm	1	2	3	---
Nickel	ppm	<1	<1	2	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	2	2	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	231	148	112	---
Magnesium	ppm	5	12	20	---
Zinc	ppm	122	94	67	---
Phosphorus	ppm	1082	1007	972	---
Barium	ppm	0	0	0	---
Boron	ppm	167	162	152	---

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 oil viscosity is higher than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO0093
Unique No: 10900829
Signed: Don Baldrige
Report Date: 29 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

