



CONSTRUCTION EQUIPMENT

661347 BCSW VOLVO A40G 3523 18 - BOGIE/CENTER AXLE



Sample No: VCP439120
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 661347 BCSW



SAMPLE INFORMATION

Sample Number	VCP439120	---	---	---
Sample Date	07 Feb 2024	---	---	---
Machine Hours	7523	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 305	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

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.



WEAR METALS

Iron	ppm	█ 149	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 86	---	---	---
Magnesium	ppm	█ 21	---	---	---
Zinc	ppm	█ 46	---	---	---
Phosphorus	ppm	█ 1174	---	---	---
Barium	ppm	█ 12	---	---	---
Boron	ppm	█ 190	---	---	---

Depot: VOLVO0096
Unique No: 10876578
Signed: Jonathan Hester
Report Date: 16 Feb 2024



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GRAPHS

