



CONSTRUCTION EQUIPMENT

4174DR KINSLEY CONST VOLVO A40G 352017 - BOGIE/CENTER AXLE



Sample No: VCP404926
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 4174DR KINSLEY CONST



SAMPLE INFORMATION

Sample Number	VCP404926	---	---	---
Sample Date	14 Aug 2023	---	---	---
Machine Hours	4127	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

HIGHWAY EQUIPMENT & SUPPLY CO
 PO BOX 127
 DRUMS, PA
 US 18222
 Contact: JUSTIN BLOSS
 justin@hwyequip.com
 T: (570)788-1127
 F: (570)708-2933



OIL CONDITION

Visc @ 40°C	cSt	█ 257	---	---	---
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CONTAMINATION

Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

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	█ 371	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 101	---	---	---
Magnesium	ppm	█ 6	---	---	---
Zinc	ppm	█ 55	---	---	---
Phosphorus	ppm	█ 832	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 139	---	---	---

Depot: VOLVO0022
Unique No: 10607556
Signed: Don Baldrige
Report Date: 18 Aug 2023



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GRAPHS

