



CONSTRUCTION EQUIPMENT

4842DR KINSLEY CONST VOLVO A45G 352858 - DROP BOX



Sample No: VCP404456
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 4842DR KINSLEY CONST



SAMPLE INFORMATION

Sample Number	VCP404456	---	---	---
Sample Date	14 Dec 2023	---	---	---
Machine Hours	3032	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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	▲ 82.1	---	---	---
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CONTAMINATION

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

Diagnosis

The oil change at the time of sampling has been noted. 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 lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	■ 333	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	■ 10	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 59	---	---	---
Magnesium	ppm	■ 6	---	---	---
Zinc	ppm	■ 37	---	---	---
Phosphorus	ppm	■ 1821	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 208	---	---	---

Depot: VOLVO0022
Unique No: 10794983
Signed: Jonathan Hester
Report Date: 21 Dec 2023



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GRAPHS

