



CONSTRUCTION EQUIPMENT

922 VOLVO A45G 353333 - DROP BOX



Sample No: VCP415982
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 922



SAMPLE INFORMATION

Sample Number	VCP415982	---	---	---
Sample Date	07 Sep 2023	---	---	---
Machine Hours	1461	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT

8594 FRUITRIDGE ROAD
 SACRAMENTO, CA
 US 95826
 Contact: RAY KRANZUSCH
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	▲ 51.3	---	---	---
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CONTAMINATION

Silicon	ppm	■ 40	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 147	---	---	---
Copper	ppm	■ 9	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 6	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 41	---	---	---
Magnesium	ppm	■ 7	---	---	---
Zinc	ppm	■ 116	---	---	---
Phosphorus	ppm	2185	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 122	---	---	---

Diagnosis

No corrective action is recommended at this time. 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.

Depot: VOLVO4485
Unique No: 10656155
Signed: Jonathan Hester
Report Date: 21 Sep 2023



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GRAPHS

