



CONSTRUCTION EQUIPMENT

633930 VOLVO EC750 314108 - REAR LEFT FINAL DRIVE



Sample No: VCP431270
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 633930



SAMPLE INFORMATION

Sample Number	VCP431270	---	---	---
Sample Date	14 Nov 2023	---	---	---
Machine Hours	2548	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

BLUE GOOSE GROWERS

16059 W ORANGE AVE
 FT PIERCE, FL
 US 34945
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	█ 279	---	---	---
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T: (772)461-3020
 F:



CONTAMINATION

Water	%	█ 0.122	---	---	---
Silicon	ppm	▲ 188	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 4	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. Elemental level of silicon (Si) above normal indicating ingress of seal material. The water content is negligible. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	▲ 889	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 97	---	---	---
Magnesium	ppm	█ 17	---	---	---
Zinc	ppm	39	---	---	---
Phosphorus	ppm	█ 849	---	---	---
Barium	ppm	█ 4	---	---	---
Boron	ppm	█ 115	---	---	---

Depot: BLUFOR
Unique No: 10750325
Signed: Sean Felton
Report Date: 21 Nov 2023



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VOLVO GRAPHS

