



CONSTRUCTION EQUIPMENT

717229 VOLVO EC750 314108 - REAR RIGHT FINAL DRIVE



Sample No: VCP454567
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 717229



SAMPLE INFORMATION

Sample Number	VCP454567	VCP431272	---	---
Sample Date	24 May 2024	14 Nov 2023	---	---
Machine Hours	3483	2548	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	284	277	---	---
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T: (772)461-3020
 F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	189	112	---	---
Sodium	ppm	1	0	---	---
Potassium	ppm	2	3	---	---

Diagnosis
 We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	1163	744	---	---
Copper	ppm	3	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	11	3	---	---
Chromium	ppm	10	7	---	---
Molybdenum	ppm	2	2	---	---
Nickel	ppm	2	1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	10	7	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	114	79	---	---
Magnesium	ppm	17	16	---	---
Zinc	ppm	43	40	---	---
Phosphorus	ppm	852	829	---	---
Barium	ppm	3	4	---	---
Boron	ppm	122	117	---	---

Depot: BLUFOR
Unique No: 11059201
Signed: Don Baldrige
Report Date: 04 Jun 2024



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GRAPHS

