



CONSTRUCTION EQUIPMENT

717434 BULK EXPRESS VOLVO EC220EL 315754 - FRONT LEFT FINAL DRIVE



Sample No: VCP454774
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 717434 BULK EXPRESS



SAMPLE INFORMATION

Sample Number	VCP454774	---	---	---
Sample Date	04 Jun 2024	---	---	---
Machine Hours	2467	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 166	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 20	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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	▲ 541	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 12	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 29	---	---	---
Phosphorus	ppm	█ 250	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO0095
Unique No: 11070538
Signed: Don Baldrige
Report Date: 10 Jun 2024



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VOLVO GRAPHS

