



CONSTRUCTION EQUIPMENT

6855HR VOLVO EC210CL 110235 - REAR LEFT FINAL DRIVE



Sample No: VCP425776
Oil Type: GEAR OIL SAE 80W140
Job No: 6855HR



SAMPLE INFORMATION

Sample Number	VCP425776	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	6182	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

HIGHWAY EQUIPMENT & SUPPLY CO MAIN
 PO BOX 1957
 HARRISBURG, PA
 US 17105
 Contact: CHAD HERRON



OIL CONDITION

Visc @ 40°C	cSt	█ 236	---	---	---
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T: 7(175)643-3031
 F: (717)564-3568



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 131	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 6	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W140. Please confirm.



WEAR METALS

Iron	ppm	█ 459	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 24	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	3	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---

All 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.



ADDITIVES

Calcium	ppm	█ 117	---	---	---
Magnesium	ppm	49	---	---	---
Zinc	ppm	█ 87	---	---	---
Phosphorus	ppm	█ 1047	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 171	---	---	---

Depot: VOLVO0025
Unique No: 10996159
Signed: Wes Davis
Report Date: 26 Apr 2024



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GRAPHS

