



CONSTRUCTION EQUIPMENT

6526BO VOLVO EC340D 2 10404 - REAR RIGHT FINAL DRIVE



Sample No: VCP279977
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 6526BO



SAMPLE INFORMATION

Sample Number	VCP279977	VCP224213	---	---
Sample Date	06 Aug 2020	04 Sep 2018	---	---
Machine Hours	5292	3598	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	SEVERE	---	---

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



OIL CONDITION

Visc @ 40°C	cSt	236	150.2	---	---
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T: 7(175)643-3031
 F: (717)564-3568



CONTAMINATION

Water	%	---	0.051	---	---
Silicon	ppm	149	736	---	---
Sodium	ppm	2	14	---	---
Potassium	ppm	5	50	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	442	1922	---	---
Copper	ppm	<1	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	37	153	---	---
Chromium	ppm	8	17	---	---
Molybdenum	ppm	4	0	---	---
Nickel	ppm	0	1	---	---
Titanium	ppm	3	14	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	12	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	130	103	---	---
Magnesium	ppm	15	28	---	---
Zinc	ppm	134	69	---	---
Phosphorus	ppm	866	603	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	114	51	---	---

Depot: VOLVO0025
Unique No: 9138266
Signed: Don Baldrige
Report Date: 14 Aug 2020



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GRAPHS

