



CONSTRUCTION EQUIPMENT

6526BO VOLVO EC340D 2 10404 - SWING DRIVE



Sample No: VCP279976
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 6526BO



SAMPLE INFORMATION

Sample Number	VCP279976	VCP220788	VCP168822	---
Sample Date	06 Aug 2020	08 Oct 2018	08 Jan 2016	---
Machine Hours	5292	3598	1100	---
Oil Hours	0	0	0	---
Oil Changed	N/A	N/A	N/A	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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

OIL CONDITION

Visc @ 40°C	cSt	146	148.7	193.6	---
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T: 7(175)643-3031
 F: (717)564-3568

CONTAMINATION

Silicon	ppm	4	2	9	---
Sodium	ppm	0	<1	1	---
Potassium	ppm	0	3	2	---

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. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	39	27	106	---
Copper	ppm	7	4	25	---
Lead	ppm	0	<1	1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	3	<1	<1	---
Chromium	ppm	0	<1	1	---
Molybdenum	ppm	0	1	0	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	2	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	123	94	78	---
Magnesium	ppm	0	4	8	---
Zinc	ppm	81	64	70	---
Phosphorus	ppm	783	602	498	---
Barium	ppm	0	0	0	---
Boron	ppm	170	74	30	---

Depot: VOLVO0025
Unique No: 9138260
Signed: Wes Davis
Report Date: 14 Aug 2020



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GRAPHS

