



CONSTRUCTION EQUIPMENT

W213663 VOLVO EC220EL 310769 - BOGIE/CENTER LEFT FINAL DRIVE



Sample No: VCP264571
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: W213663



ULSTER COUNTY RESOURCE RECOVERY AGENCY
 999 FLATBUSH AVE
 KINGSTON, NY
 US 12401
 Contact: CHARLES WHITTAKER
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 T: (845)399-2686
 F:



SAMPLE INFORMATION

Sample Number	VCP264571	---	---	---
Sample Date	31 Dec 2019	---	---	---
Machine Hours	2070	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 146	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 46	---	---	---
Copper	ppm	█ < 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 10	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 9	---	---	---
Phosphorus	ppm	█ 902	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 127	---	---	---

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.

Depot: ULSKIN
Unique No: 8881405
Signed: Wes Davis
Report Date: 14 Jan 2020



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GRAPHS

