



CONSTRUCTION EQUIPMENT

SWA150612-10 VOLVO EC220EL 310769 - SWING DRIVE



Sample No: VCP385560
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SWA150612-10



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



SAMPLE INFORMATION

Sample Number	VCP385560	VCP241237	---	---
Sample Date	12 Jan 2023	28 Feb 2019	---	---
Machine Hours	6114	1013	---	---
Oil Hours	2000	1013	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	135	176.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	10	---	---
Sodium	ppm	1	1	---	---
Potassium	ppm	0	13	---	---



WEAR METALS

Iron	ppm	47	126	---	---
Copper	ppm	4	10	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	2	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	59	5	---	---
Magnesium	ppm	24	<1	---	---
Zinc	ppm	36	13	---	---
Phosphorus	ppm	953	409	---	---
Barium	ppm	0	2	---	---
Boron	ppm	192	<1	---	---

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: 10332006
Signed: Wes Davis
Report Date: 09 Feb 2023



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GRAPHS

