



CONSTRUCTION EQUIPMENT

SWA233774-10 VOLVO EC220E 3140Z7 - REAR RIGHT FINAL DRIVE



Sample No: VCP408560
Oil Type: VOLVO WB 101
Job No: SWA233774-10



SAMPLE INFORMATION

Sample Number	VCP408560	VCP323594	VCP313825	VCP267802
Sample Date	27 Apr 2023	21 Sep 2021	15 Apr 2021	17 Sep 2020
Machine Hours	6997	4100	3159	1980
Oil Hours	0	1000	1000	1000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	154	165	295	107
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	3	6
Sodium	ppm	2	<1	2	2
Potassium	ppm	2	0	<1	0

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	39	26	38	46
Copper	ppm	<1	0	<1	<1
Lead	ppm	0	0	0	1
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	1	0	<1	<1
Nickel	ppm	1	0	<1	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	89	41	191	1055
Magnesium	ppm	26	14	56	576
Zinc	ppm	65	20	71	579
Phosphorus	ppm	1050	1027	976	665
Barium	ppm	0	0	0	0
Boron	ppm	180	186	198	76

Depot: ULSKIN
Unique No: 10456823
Signed: Don Baldrige
Report Date: 08 May 2023



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VOLVO GRAPHS

