



CONSTRUCTION EQUIPMENT

SWA559244-10 VOLVO EC220E 314027 - REAR LEFT FINAL DRIVE



Sample No: VCP417599
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SWA559244-10



SAMPLE INFORMATION

Sample Number	VCP417599	VCP407394	VCP323028	VCP303775
Sample Date	05 Jun 2024	27 Apr 2023	21 Sep 2021	15 Apr 2021
Machine Hours	8200	6997	4100	3159
Oil Hours	2000	0	1000	1000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ATTENTION	ATTENTION	NORMAL	NORMAL

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



OIL CONDITION

Visc @ 40°C	cSt	56.2	164	154	295
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CONTAMINATION

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

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Confirm oil type.



WEAR METALS

Iron	ppm	17	76	14	34
Copper	ppm	<1	<1	0	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	<1	0	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	1	<1
Nickel	ppm	0	1	0	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	0	1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	9	68	132	215
Magnesium	ppm	4	18	22	42
Zinc	ppm	22	41	77	76
Phosphorus	ppm	2289	1039	1008	988
Barium	ppm	0	0	0	0
Boron	ppm	324	182	180	199

Depot: ULSKIN
Unique No: 11072502
Signed: Don Baldrige
Report Date: 12 Jun 2024



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VOLVO GRAPHS

