



CONSTRUCTION EQUIPMENT

8000386658 VOLVO EC300EL 316765 - REAR LEFT FINAL DRIVE



Sample No: VCP394572
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 8000386658



SAMPLE INFORMATION

Sample Number	VCP394572	VCP394469	---	---
Sample Date	08 Dec 2023	16 Oct 2023	---	---
Machine Hours	2144	2027	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
 Contact: Perry Doyle
 pdoyle@strongco.com
 T: (403)346-3473
 F: (403)346-3487



OIL CONDITION

Visc @ 40°C	cSt	147	188	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	294	1205	---	---
Sodium	ppm	8	24	---	---
Potassium	ppm	14	51	---	---

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

PQ		443	3298	---	---
Iron	ppm	880	4740	---	---
Copper	ppm	1	7	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	45	149	---	---
Chromium	ppm	9	51	---	---
Molybdenum	ppm	<1	4	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	1	9	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	8	43	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	63	294	---	---
Magnesium	ppm	16	69	---	---
Zinc	ppm	5	14	---	---
Phosphorus	ppm	864	289	---	---
Barium	ppm	<1	4	---	---
Boron	ppm	123	3	---	---

Depot: VOLVO9652
Unique No: 5696001
Signed: Kevin Marson
Report Date: 14 Dec 2023



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GRAPHS

