



CONSTRUCTION EQUIPMENT

8000388249 VOLVO EC300EL 316765 - REAR RIGHT FINAL DRIVE



Sample No: VCP394587
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 8000388249



SAMPLE INFORMATION

Sample Number	VCP394587	VCP394313	---	---
Sample Date	08 Dec 2023	16 Oct 2023	---	---
Machine Hours	2144	2027	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
 CA T4S 2L4
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OIL CONDITION

Visc @ 40°C	cSt	147	196	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	203	1407	---	---
Sodium	ppm	5	27	---	---
Potassium	ppm	9	62	---	---

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		60	3081	---	---
Iron	ppm	640	5112	---	---
Copper	ppm	<1	7	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	29	183	---	---
Chromium	ppm	6	61	---	---
Molybdenum	ppm	0	5	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	11	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	6	47	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	47	347	---	---
Magnesium	ppm	11	82	---	---
Zinc	ppm	7	15	---	---
Phosphorus	ppm	761	287	---	---
Barium	ppm	<1	4	---	---
Boron	ppm	80	4	---	---

Depot: VOLVO9652
Unique No: 5696003
Signed: Kevin Marson
Report Date: 14 Dec 2023



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GRAPHS

