



CONSTRUCTION EQUIPMENT

W125601 VOLVO EC480EL 310354 - REAR LEFT FINAL DRIVE



Sample No: VCP315097
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: W125601



SAMPLE INFORMATION

Sample Number	VCP315097	VCP271804	---	---
Sample Date	04 May 2021	06 Oct 2020	---	---
Machine Hours	4933	4515	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

SENECA MEADOWS

1786 SALCMAN ROAD
 WATERLOO, NY
 US

Contact: EDWARD BARTO
 ebarto@iesi.com
 T: (315)539-5624
 F: (315)539-4656



OIL CONDITION

Visc @ 40°C	cSt	104	68.6	---	---
-------------	-----	------------	------	-----	-----



CONTAMINATION

Silicon	ppm	167	221	---	---
Sodium	ppm	6	10	---	---
Potassium	ppm	17	24	---	---



WEAR METALS

Iron	ppm	793	1292	---	---
Copper	ppm	2	2	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	49	76	---	---
Chromium	ppm	7	11	---	---
Molybdenum	ppm	1	1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	2	4	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	6	10	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	53	38	---	---
Magnesium	ppm	15	14	---	---
Zinc	ppm	10	11	---	---
Phosphorus	ppm	1379	1907	---	---
Barium	ppm	0	1	---	---
Boron	ppm	212	251	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry updates. 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: SENWAT
Unique No: 9505356
Signed: Doug Bogart
Report Date: 21 Jun 2021



CONSTRUCTION EQUIPMENT



GRAPHS

