



CONSTRUCTION EQUIPMENT

600118 CRC VOLVO EC160E 310147 - REAR LEFT FINAL DRIVE



Sample No: VCP379886
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 600118 CRC



SAMPLE INFORMATION

Sample Number	VCP379886	VCP346242	VCP238780	---
Sample Date	26 Apr 2023	31 Mar 2023	16 Mar 2021	---
Machine Hours	9553	0	5652	---
Oil Hours	0	0	0	---
Oil Changed	N/A	N/A	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

PACWEST MACHINERY

8207 SOUTH 216TH STREET
 KENT, WA
 US 98032
 Contact: DAN SLAGLE
 dslagle@pacwestmachinery.com
 T: (206)482-4179
 F: (509)534-5286



OIL CONDITION

Visc @ 40°C	cSt	340	341	300	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	9	9	4	---
Sodium	ppm	0	0	<1	---
Potassium	ppm	1	<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. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	67	66	40	---
Copper	ppm	<1	<1	0	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	1	<1	---
Chromium	ppm	2	2	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	7	7	14	---
Magnesium	ppm	<1	<1	0	---
Zinc	ppm	37	37	15	---
Phosphorus	ppm	1047	1052	921	---
Barium	ppm	2	1	0	---
Boron	ppm	199	201	156	---

Depot: VOLVO1271
Unique No: 10662073
Signed: Sean Felton
Report Date: 27 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

