



CONSTRUCTION EQUIPMENT

SW-35465-2 TEARAPART VOLVO EC160 310236 - REAR LEFT FINAL DRIVE



Sample No: VCP454193
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-35465-2 TEARAPART



SAMPLE INFORMATION

Sample Number	VCP454193	---	---	---
Sample Date	17 Jun 2024	---	---	---
Machine Hours	3935	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY
 2975 WEST 2100 SOUTH
 SALT LAKE CITY, UT
 US 84119
 Contact: TJ LARK
 tlark@arnoldmachinery.com
 T: (801)972-4000
 F: (801)975-9434



OIL CONDITION

Visc @ 40°C	cSt	█ 119	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

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	█ 314	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 16	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 50	---	---	---
Phosphorus	ppm	█ 1114	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 108	---	---	---

Depot: VOLVO8770
Unique No: 11099824
Signed: Wes Davis
Report Date: 27 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS

