



CONSTRUCTION EQUIPMENT

SWA353593 USED EQUIP VOLVO EC380EL 310235 - REAR LEFT FINAL DRIVE



Sample No: VCP410319
Oil Type: GEAR OIL SAE 80W90
Job No: SWA353593 USED EQUIP



SAMPLE INFORMATION

Sample Number	VCP410319	---	---	---
Sample Date	05 Sep 2023	---	---	---
Machine Hours	7427	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
 DAVE.ENG@ALTG.COM
 T: (312)350-2560
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 156	---	---	---
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CONTAMINATION

Silicon	ppm	● 629	---	---	---
Sodium	ppm	█ 18	---	---	---
Potassium	ppm	█ 27	---	---	---



WEAR METALS

Iron	ppm	● 3282	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	▲ 91	---	---	---
Chromium	ppm	● 35	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	6	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 19	---	---	---
Vanadium	ppm	1	---	---	---



ADDITIVES

Calcium	ppm	█ 485	---	---	---
Magnesium	ppm	█ 33	---	---	---
Zinc	ppm	█ 18	---	---	---
Phosphorus	ppm	█ 1126	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 162	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO8885
Unique No: 10642063
Signed: Don Baldrige
Report Date: 12 Sep 2023

VOLVO **GRAPHS**

