



CONSTRUCTION EQUIPMENT

646971 VOLVO EC380 311542 - SWING DRIVE



Sample No: VCP452295
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 646971



SAMPLE INFORMATION

Sample Number	VCP452295	---	---	---
Sample Date	20 Dec 2023	---	---	---
Machine Hours	3878	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

FERROUS PROCESSING AND TRADING

3400 E LAFAYETTE
 DETROIT, MI
 US 48207

Contact: KEITH HALL
 keith.hall@fpt1.com

T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 155	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 0	---	---	---
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	█ 128	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 31	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 35	---	---	---
Phosphorus	ppm	1596	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 123	---	---	---

Depot: FERDET
Unique No: 10822955
Signed: Wes Davis
Report Date: 11 Jan 2024



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GRAPHS

