



CONSTRUCTION EQUIPMENT

ASCENDUM MACHINERY 59575 VOLVO EC380E 315145 - FRONT AXLE



Sample No: VCP420548
Oil Type: GEAR OIL SAE 80W140
Job No: 59575



SAMPLE INFORMATION

Sample Number	VCP420548	---	---	---
Sample Date	02 Oct 2023	---	---	---
Machine Hours	1140	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

CD PHILEMON GRADING AND TRUCKING INC
3512 TARLTON MILL RD
MARSHVILLE, NC
US 28174
Contact: Service Manager

OIL CONDITION

Visc @ 40°C	cSt	█ 288	---	---	---
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T:
F:

CONTAMINATION

Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W140. Please confirm.

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	█ 79	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 17	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 942	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 167	---	---	---

Depot: CDPMAR
Unique No: 10675882
Signed: Wes Davis
Report Date: 05 Oct 2023



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GRAPHS

