



# CONSTRUCTION EQUIPMENT

ASCENDUM MACHINERY 59575 VOLVO EC380E 315145 - SWING DRIVE



**Sample No:** VCP420559  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 59575



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

T:  
F:



## SAMPLE INFORMATION

Sample Number	VCP420559	VCP0004597	---	---
Sample Date	02 Oct 2023	20 Sep 2022	---	---
Machine Hours	1140	485	---	---
Oil Hours	0	485	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 297	█ 171	---	---
-------------	-----	-------	-------	-----	-----



## CONTAMINATION

Silicon	ppm	█ 2	█ 11	---	---
Sodium	ppm	█ 0	█ 3	---	---
Potassium	ppm	█ 0	█ 0	---	---



## WEAR METALS

Iron	ppm	█ 65	█ 514	---	---
Copper	ppm	█ 8	█ 20	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	< 1	---	---
Aluminum	ppm	█ 2	2	---	---
Chromium	ppm	█ 1	6	---	---
Molybdenum	ppm	█ 0	< 1	---	---
Nickel	ppm	█ 0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	█ 7	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	█ 17	█ 12	---	---
Magnesium	ppm	█ 0	█ 0	---	---
Zinc	ppm	█ 18	█ 24	---	---
Phosphorus	ppm	█ 980	█ 328	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 169	█ 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.

**Depot:** CDPMAR  
**Unique No:** 10675903  
**Signed:** Sean Felton  
**Report Date:** 06 Oct 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

