



CONSTRUCTION EQUIPMENT

24430 VOLVO EC480EL 314658 - REAR LEFT FINAL DRIVE



Sample No: VCP429031
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 24430



218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
 Contact: MATT MITCHAM
 matt.mitcham@ascendummachinery.com
 T:
 F: (843)414-1129



SAMPLE INFORMATION

Sample Number	VCP429031	VCP339097	---	---
Sample Date	16 Nov 2023	09 Feb 2022	---	---
Machine Hours	3969	736	---	---
Oil Hours	1000	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	ABNORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	62.1	51.0	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	203	<1	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	4	4	---	---



WEAR METALS

Iron	ppm	3154	<1	---	---
Copper	ppm	3	0	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	31	0	---	---
Chromium	ppm	30	0	---	---
Molybdenum	ppm	3	<1	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	2	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	21	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1176	32	---	---
Magnesium	ppm	19	8	---	---
Zinc	ppm	26	19	---	---
Phosphorus	ppm	2027	2649	---	---
Barium	ppm	0	0	---	---
Boron	ppm	172	298	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO3387
Unique No: 10753463
Signed: Doug Bogart
Report Date: 24 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

