



CONSTRUCTION EQUIPMENT

SUN BELT BERGMANN C815 20-5389 - FRONT AXLE



Sample No: VCP433009
Oil Type: MOBIL MOBILUBE HD 85W140
Job No: SUN BELT



SAMPLE INFORMATION

Sample Number	VCP433009	---	---	---
Sample Date	12 Jun 2024	---	---	---
Machine Hours	3097	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

216 - ASCENDUM MACHINERY INC - PIEDMONT
 407 OAK ROAD
 PIEDMONT, SC
 US 29673
 Contact: KEMP COBLE
 kemp.coble@ascendummachinery.com
 T: (864)704-1060
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OIL CONDITION

Visc @ 40°C	cSt	█ 197	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 23	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 1	---	---	---

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 oil is no longer serviceable as a result of the abnormal and/or severe wear.



WEAR METALS

Iron	ppm	▲ 526	---	---	---
Copper	ppm	▲ 217	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	▲ 10	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 12	---	---	---
Nickel	ppm	▲ 13	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 23	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 854	---	---	---
Magnesium	ppm	█ 23	---	---	---
Zinc	ppm	█ 418	---	---	---
Phosphorus	ppm	█ 1019	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 174	---	---	---

Depot: VOLVO4596
Unique No: 11076502
Signed: Angela Borella
Report Date: 14 Jun 2024



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GRAPHS

