



CONSTRUCTION EQUIPMENT

SPM605726 BL DUKE SENNOBOGEN 835M 835.0.2625 - RIGHT SWING DRIVE



Sample No: VCP415217
Oil Type: SHELL OMALA 220
Job No: SPM605726 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP415217	VCP397575	VCP358199	---
Sample Date	12 Sep 2023	17 Feb 2023	13 Apr 2022	---
Machine Hours	4620	3163	1220	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
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F:



OIL CONDITION

Visc @ 40°C	cSt	188	183	216	---
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CONTAMINATION

Silicon	ppm	21	10	20	---
Sodium	ppm	0	2	1	---
Potassium	ppm	2	2	4	---

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	51	200	419	---
Copper	ppm	73	119	116	---
Lead	ppm	0	<1	<1	---
Tin	ppm	3	6	17	---
Aluminum	ppm	3	2	2	---
Chromium	ppm	<1	1	2	---
Molybdenum	ppm	3	3	<1	---
Nickel	ppm	0	<1	1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	<1	2	4	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	2686	2798	11	---
Magnesium	ppm	49	35	1	---
Zinc	ppm	1035	1024	107	---
Phosphorus	ppm	877	888	455	---
Barium	ppm	0	0	0	---
Boron	ppm	8	24	4	---

Depot: VOLVO8885
Unique No: 10658479
Signed: Don Baldrige
Report Date: 22 Sep 2023



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GRAPHS

