



CONSTRUCTION EQUIPMENT

SPM605726 BL DUKE SENNOBOGEN 835M 835.0.2625 - LEFT SWING DRIVE



Sample No: VCP415218
Oil Type: SHELL OMALA 220
Job No: SPM605726 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP415218	VCP380527	VCP354604	---
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	ABNORMAL	ABNORMAL	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	185	181	204	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	20	15	3	---
Sodium	ppm	0	<1	2	---
Potassium	ppm	1	1	1	---

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	54	197	451	---
Copper	ppm	68	218	62	---
Lead	ppm	0	0	<1	---
Tin	ppm	3	8	6	---
Aluminum	ppm	3	3	1	---
Chromium	ppm	<1	2	3	---
Molybdenum	ppm	4	3	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	<1	2	4	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	2632	2873	16	---
Magnesium	ppm	56	45	2	---
Zinc	ppm	1016	1053	84	---
Phosphorus	ppm	853	918	411	---
Barium	ppm	0	0	0	---
Boron	ppm	7	16	17	---

Depot: VOLVO8885
Unique No: 10658505
Signed: Don Baldrige
Report Date: 22 Sep 2023



CONSTRUCTION EQUIPMENT



GRAPHS

