



CONSTRUCTION EQUIPMENT

SPM621711 BL DUKE SENNEBOGEN 835ME 835.0.2810 - RIGHT SWING DRIVE



Sample No: VCP416911
Oil Type: MOBIL SHC 630
Job No: SPM621711 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP416911	VCP410949	VCP382128	VCP365787
Sample Date	09 Nov 2023	09 Mar 2023	28 Feb 2023	19 Oct 2022
Machine Hours	6955	5516	5387	4582
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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	195	194	204	200
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CONTAMINATION

Water	%	▲ 0.537	---	---	---
Silicon	ppm	26	12	14	13
Sodium	ppm	<1	0	0	<1
Potassium	ppm	0	2	<1	0

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	59	92	106	84
Copper	ppm	78	156	143	117
Lead	ppm	0	0	0	2
Tin	ppm	5	6	8	7
Aluminum	ppm	0	2	2	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	1	1	1	1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	0	<1	1	1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	2474	2721	2571	2807
Magnesium	ppm	58	23	17	20
Zinc	ppm	1033	1090	1060	1222
Phosphorus	ppm	860	881	892	966
Barium	ppm	0	0	0	0
Boron	ppm	10	6	5	6

Depot: VOLVO8885
Unique No: 10738439
Signed: Sean Felton
Report Date: 14 Nov 2023



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GRAPHS

