



CONSTRUCTION EQUIPMENT

SPM621711 BL DUKE SENNEBOGEN 835ME 835.0.2810 - LEFT SWING DRIVE



Sample No: VCP416914
Oil Type: MOBIL SHC 630
Job No: SPM621711 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP416914	VCP383250	VCP388562	VCP365818
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	SEVERE	ABNORMAL	NORMAL	NORMAL

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5000 INDUSTRIAL HWY
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F:

OIL CONDITION

Visc @ 40°C	cSt	200	205	194	195
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CONTAMINATION

Water	%	1.75	---	---	---
Silicon	ppm	30	13	14	12
Sodium	ppm	0	0	2	1
Potassium	ppm	1	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. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

WEAR METALS

Iron	ppm	65	118	107	65
Copper	ppm	77	▲ 185	138	115
Lead	ppm	2	<1	0	1
Tin	ppm	7	▲ 11	6	5
Aluminum	ppm	1	2	2	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	3	2	1	2
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	1	1	<1
Vanadium	ppm	0	0	<1	0

ADDITIVES

Calcium	ppm	2794	2714	2882	2772
Magnesium	ppm	0	18	26	25
Zinc	ppm	1221	1102	1166	1142
Phosphorus	ppm	925	921	970	919
Barium	ppm	0	0	0	0
Boron	ppm	15	8	8	8

Depot: VOLVO8885
Unique No: 10738389
Signed: Don Baldrige
Report Date: 14 Nov 2023



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GRAPHS

