



CONSTRUCTION EQUIPMENT

SPM621713 SENNEBOGEN 835M 835.0.2811 - RIGHT SWING DRIVE



Sample No: VCP425296
Oil Type: MOBIL SHC 630
Job No: SPM621713



SAMPLE INFORMATION

Sample Number	VCP425296	VCP410627	VCP401659	VCP365794
Sample Date	18 Oct 2023	04 May 2023	01 Mar 2023	19 Oct 2022
Machine Hours	5187	4011	3580	2580
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

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 5000 INDUSTRIAL HWY
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OIL CONDITION

Visc @ 40°C	cSt	194	200	200	204
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CONTAMINATION

Water	%	---	---	▲ 0.567	---
Silicon	ppm	16	18	15	15
Sodium	ppm	0	<1	0	<1
Potassium	ppm	0	2	2	0

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	31	254	226	141
Copper	ppm	109	▲ 450	▲ 243	92
Lead	ppm	<1	<1	<1	<1
Tin	ppm	3	▲ 24	▲ 16	5
Aluminum	ppm	0	1	3	1
Chromium	ppm	0	2	2	1
Molybdenum	ppm	2	2	1	1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	2	3	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2743	1896	1847	1759
Magnesium	ppm	60	18	19	18
Zinc	ppm	1058	949	963	895
Phosphorus	ppm	875	765	740	714
Barium	ppm	7	0	0	0
Boron	ppm	3	13	20	9

Depot: VOLVO8885
Unique No: 10738454
Signed: Sean Felton
Report Date: 14 Nov 2023



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VOLVO GRAPHS

