



CONSTRUCTION EQUIPMENT

SPM703240 BL DUKE SENNEBOGEN 835ME 835.0.2810 - FRONT LEFT FINAL DRIVE



Sample No: VCP446934
Oil Type: GEAR OIL SAE 80W90
Job No: SPM703240 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP446934	VCP416913	VCP383252	VCP397578
Sample Date	03 May 2024	09 Nov 2023	09 Mar 2023	28 Feb 2023
Machine Hours	7652	6955	5516	5387
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
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OIL CONDITION

Visc @ 40°C	cSt	167	198	134	197
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	16	<1	21
Sodium	ppm	4	2	0	2
Potassium	ppm	0	0	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	116	121	4	175
Copper	ppm	17	21	2	507
Lead	ppm	0	0	0	43
Tin	ppm	0	0	<1	12
Aluminum	ppm	<1	<1	1	2
Chromium	ppm	<1	0	0	2
Molybdenum	ppm	<1	0	5	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	2	2	0	2
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	1580	2293	120	1872
Magnesium	ppm	17	13	78	11
Zinc	ppm	626	1039	116	832
Phosphorus	ppm	765	943	963	764
Barium	ppm	12	20	0	0
Boron	ppm	0	<1	237	38

Depot: VOLVO8885
Unique No: 11030488
Signed: Sean Felton
Report Date: 16 May 2024



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VOLVO GRAPHS

