



CONSTRUCTION EQUIPMENT

SPM703240 BL DUKE SENNEBOGEN 835ME 835.0.2810 - REAR RIGHT FINAL DRIVE



Sample No: VCP446932
Oil Type: GEAR OIL SAE 80W90
Job No: SPM703240 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP446932	VCP416906	VCP383253	VCP401586
Sample Date	03 May 2024	18 Oct 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	NORMAL

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 5000 INDUSTRIAL HWY
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OIL CONDITION

Visc @ 40°C	cSt	158	196	132	139
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	12	1	13
Sodium	ppm	2	2	0	2
Potassium	ppm	<1	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	80	80	2	243
Copper	ppm	12	14	2	24
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	<1	0	1	2
Chromium	ppm	<1	0	0	2
Molybdenum	ppm	<1	0	7	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	2	0	0	<1
Manganese	ppm	2	<1	0	4
Vanadium	ppm	<1	0	0	<1



ADDITIVES

Calcium	ppm	1113	2597	132	343
Magnesium	ppm	23	13	98	14
Zinc	ppm	501	1160	141	194
Phosphorus	ppm	791	990	921	513
Barium	ppm	11	19	0	0
Boron	ppm	15	0	220	45

Depot: VOLVO8885
Unique No: 11030511
Signed: Don Baldrige
Report Date: 16 May 2024



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VOLVO GRAPHS

