



CONSTRUCTION EQUIPMENT

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



Sample No: VCP446935
Oil Type: GEAR OIL SAE 80W90
Job No: SPM703240 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP446935	VCP413074	VCP404785	VCP406057
Sample Date	03 May 2024	18 Oct 2023	09 Mar 2023	09 Mar 2023
Machine Hours	7652	6955	5516	5516
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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5000 INDUSTRIAL HWY
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F:

OIL CONDITION

Visc @ 40°C	cSt	157	199	133	129
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	12	<1	1
Sodium	ppm	3	2	0	0
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	96	87	2	2
Copper	ppm	13	14	2	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	0	1	1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	6	3
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	0	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	1126	2607	123	104
Magnesium	ppm	18	13	98	48
Zinc	ppm	468	1149	135	100
Phosphorus	ppm	668	970	917	955
Barium	ppm	8	19	0	0
Boron	ppm	0	0	221	208

Depot: VOLVO8885
Unique No: 11030486
Signed: Sean Felton
Report Date: 16 May 2024



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VOLVO GRAPHS

