



CONSTRUCTION EQUIPMENT

SPM621713 BL DUKE SENNEBOGEN 835M 835.0.2811 - REAR LEFT FINAL DRIVE



Sample No: VCP382905
Oil Type: GEAR OIL SAE 80W90
Job No: SPM621713 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP382905	VCP410624	VCP366894	VCP378873
Sample Date	18 Oct 2023	04 May 2023	16 Aug 2022	26 May 2022
Machine Hours	5187	4011	2155	1585
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	197	202	186	184
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Silicon	ppm	20	17	4	4
Sodium	ppm	2	2	5	4
Potassium	ppm	0	1	0	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	49	50	120	109
Copper	ppm	24	24	74	59
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	<1	2	1
Chromium	ppm	0	<1	1	<1
Molybdenum	ppm	0	1	<1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2150	1822	103	71
Magnesium	ppm	30	12	2	<1
Zinc	ppm	1025	1000	80	61
Phosphorus	ppm	844	791	1065	1056
Barium	ppm	17	8	342	344
Boron	ppm	2	4	5	5

Depot: VOLVO8885
Unique No: 10738445
Signed: Sean Felton
Report Date: 14 Nov 2023

VOLVO GRAPHS

