



CONSTRUCTION EQUIPMENT

SPM703241 BL DUKE SENNOBOGEN 835M 835.0.2625 - RIGHT SWING DRIVE



Sample No: VCP447031
Oil Type: GEAR OIL ISO 220
Job No: SPM703241 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP447031	VCP425311	VCP415217	VCP397575
Sample Date	01 May 2024	18 Oct 2023	12 Sep 2023	17 Feb 2023
Machine Hours	6135	4991	4620	3163
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
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F:



OIL CONDITION

Visc @ 40°C	cSt	148	189	188	183
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	18	21	10
Sodium	ppm	<1	0	0	2
Potassium	ppm	2	0	2	2

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	133	77	51	200
Copper	ppm	180	94	73	119
Lead	ppm	<1	0	0	<1
Tin	ppm	7	3	3	6
Aluminum	ppm	2	0	3	2
Chromium	ppm	1	0	<1	1
Molybdenum	ppm	2	1	3	3
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	2	0	<1	2
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	677	2516	2686	2798
Magnesium	ppm	37	45	49	35
Zinc	ppm	315	1015	1035	1024
Phosphorus	ppm	548	867	877	888
Barium	ppm	0	0	0	0
Boron	ppm	6	4	8	24

Depot: VOLVO8885
Unique No: 11017798
Signed: Don Baldrige
Report Date: 09 May 2024



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GRAPHS

