



CONSTRUCTION EQUIPMENT

SPM703242 BL DUKE SENNOBOGEN 835M 835.0.2625 - FRONT LEFT FINAL DRIVE



Sample No: VCP447034
Oil Type: GEAR OIL SAE 80W90
Job No: SPM703242 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP447034	VCP425308	VCP354523	---
Sample Date	01 May 2024	18 Oct 2023	13 Apr 2022	---
Machine Hours	6131	4991	1220	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
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F:



OIL CONDITION

Visc @ 40°C	cSt	126	186	185	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	14	8	1	---
Sodium	ppm	5	4	8	---
Potassium	ppm	3	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	384	344	79	---
Copper	ppm	33	31	15	---
Lead	ppm	<1	0	<1	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	3	<1	2	---
Chromium	ppm	3	<1	<1	---
Molybdenum	ppm	8	<1	<1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	6	4	4	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	2918	2192	20	---
Magnesium	ppm	396	29	<1	---
Zinc	ppm	1250	816	56	---
Phosphorus	ppm	1319	986	1232	---
Barium	ppm	84	96	336	---
Boron	ppm	90	4	3	---

Depot: VOLVO8885
Unique No: 11017797
Signed: Don Baldrige
Report Date: 09 May 2024



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GRAPHS

