



CONSTRUCTION EQUIPMENT

SPM703242 BL DUKE SENNOBOGEN 835M 835.0.2625 - REAR DIFFERENTIAL



Sample No: VCP447028
Oil Type: GEAR OIL SAE 80W90
Job No: SPM703242 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP447028	VCP425309	VCP354605	---
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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US 46406
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F:



OIL CONDITION

Visc @ 40°C	cSt	146	186	185	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	3	6	---
Sodium	ppm	0	3	5	---
Potassium	ppm	<1	0	<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	77	137	57	---
Copper	ppm	10	24	11	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	2	0	1	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	1	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	135	282	12	---
Magnesium	ppm	17	2	2	---
Zinc	ppm	69	156	15	---
Phosphorus	ppm	516	1106	1242	---
Barium	ppm	48	314	369	---
Boron	ppm	2	0	3	---

Depot: VOLV08885
Unique No: 11017776
Signed: Wes Davis
Report Date: 08 May 2024



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GRAPHS

