



CONSTRUCTION EQUIPMENT

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



Sample No: VCP447027
Oil Type: GEAR OIL SAE 80W90
Job No: SPM703242 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP447027	VCP425307	VCP354526	---
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
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:



OIL CONDITION

Visc @ 40°C	cSt	149	186	184	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	4	3	---
Sodium	ppm	<1	4	4	---
Potassium	ppm	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	116	188	42	---
Copper	ppm	8	26	10	---
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	2	3	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	172	346	14	---
Magnesium	ppm	20	5	<1	---
Zinc	ppm	83	172	14	---
Phosphorus	ppm	562	1102	1238	---
Barium	ppm	56	317	370	---
Boron	ppm	2	0	3	---

Depot: VOLV08885
Unique No: 1101777
Signed: Wes Davis
Report Date: 08 May 2024



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GRAPHS

