



CONSTRUCTION EQUIPMENT

SPM703240 BL DUKE SENNEBOGEN 835ME 835.0.2810 - FRONT DIFFERENTIAL



Sample No: VCP446937
Oil Type: GEAR OIL SAE 80W90
Job No: SPM703240 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP446937	VCP416902	VCP406064	VCP387369
Sample Date	03 May 2024	18 Oct 2023	09 Mar 2023	28 Feb 2023
Machine Hours	7652	6955	5516	5387
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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	183	186	159	194
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	6	4	21
Sodium	ppm	6	4	0	<1
Potassium	ppm	0	0	1	<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	40	37	35	192
Copper	ppm	88	82	54	▲ 426
Lead	ppm	0	0	0	6
Tin	ppm	0	0	3	▲ 6
Aluminum	ppm	0	0	1	2
Chromium	ppm	0	0	<1	2
Molybdenum	ppm	0	0	<1	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	0	<1	2
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	210	207	763	1996
Magnesium	ppm	<1	1	4	17
Zinc	ppm	125	146	335	813
Phosphorus	ppm	1112	1131	948	780
Barium	ppm	342	365	0	0
Boron	ppm	0	0	182	22

Depot: VOLVO8885
Unique No: 11030497
Signed: Wes Davis
Report Date: 15 May 2024



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VOLVO GRAPHS

