



CONSTRUCTION EQUIPMENT

SPM703240 BL DUKE SENNEBOGEN 835ME 835.0.2810 - REAR DIFFERENTIAL



Sample No: VCP446115
Oil Type: GEAR OIL SAE 80W90
Job No: SPM703240 BL DUKE



SAMPLE INFORMATION

Sample Number	VCP446115	VCP416905	VCP397538	VCP364738
Sample Date	03 May 2024	18 Oct 2023	28 Feb 2023	15 Aug 2022
Machine Hours	7652	6955	5387	4111
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

ALTA EQUIPMENT CO - ORLAND PARK
 5000 INDUSTRIAL HWY
 GARY, IN
 US 46406
 Contact: DAVE ENG
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 F:



OIL CONDITION

Visc @ 40°C	cSt	157	199	200	189
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	11	21	5
Sodium	ppm	3	2	1	4
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	85	79	194	176
Copper	ppm	15	14	▲ 430	53
Lead	ppm	0	0	6	1
Tin	ppm	0	0	▲ 6	<1
Aluminum	ppm	0	0	2	3
Chromium	ppm	0	0	2	1
Molybdenum	ppm	<1	0	2	<1
Nickel	ppm	0	0	<1	1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	1	<1	2	4
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	1193	2615	2014	339
Magnesium	ppm	25	13	17	5
Zinc	ppm	495	1167	821	198
Phosphorus	ppm	685	985	792	1028
Barium	ppm	8	20	0	289
Boron	ppm	0	0	24	4

Depot: VOLVO8885
Unique No: 11030496
Signed: Don Baldrige
Report Date: 16 May 2024



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VOLVO GRAPHS

