



CONSTRUCTION EQUIPMENT

729 SENNEBOGEN 835E 835.0.2394 - FRONT RIGHT FINAL DRIVE



Sample No: VCP424144
Oil Type: MOBIL 75W90
Job No: 729



SAMPLE INFORMATION

Sample Number	VCP424144	VCP397614	VCP295721	VCP235177
Sample Date	04 Nov 2023	07 Feb 2023	21 Dec 2020	15 May 2019
Machine Hours	11082	9773	6211	2594
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

SIMS METAL
130 NORTH 12TH ST
SACRAMENTO, CA
US 95814
Contact: EVERT



OIL CONDITION

Visc @ 40°C	cSt	141	145	140	139
-------------	-----	------------	-----	-----	-----

T: (916)769-7864
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	4	3
Sodium	ppm	0	2	<1	0
Potassium	ppm	2	<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	113	157	43	26
Copper	ppm	16	18	▲ 75	38
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	0	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	1	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	3	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	23	10	8	3
Magnesium	ppm	2	2	2	0
Zinc	ppm	15	20	36	15
Phosphorus	ppm	978	956	914	851
Barium	ppm	4	15	22	18
Boron	ppm	177	186	143	138

Depot: SIMSACCA
Unique No: 10754580
Signed: Jonathan Hester
Report Date: 27 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

