



### SENNEBOGEN 830E MS17 - Rear Differential

Sample No: LHMC79948

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LHMC79948	LHMC103983	LHMC103206	---
Sample Date	23 Aug 2023	05 May 2023	20 Feb 2023	---
Machine Hours	6878	6853	5898	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	N/A	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

**OSCAR WINSKI CO. INC**  
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#### OIL CONDITION

Visc @ 40°C	cSt	145	145	143	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	0	<1	3	---
Sodium	ppm	0	0	2	---
Potassium	ppm	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 fluid. The condition of the fluid is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	23	28	102	---
Copper	ppm	2	<1	1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	28	45	64	---
Magnesium	ppm	2	1	2	---
Zinc	ppm	9	9	11	---
Phosphorus	ppm	284	315	416	---
Barium	ppm	0	0	0	---
Boron	ppm	0	11	31	---

Depot: OSCLAF  
 Unique No: 10833606  
 Signed: Don Baldrige  
 Report Date: 18 Jan 2024



### GRAPHS

