



SENNEBOGEN 830E MS17 - Front Differential

Sample No: LHMC100212

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LHMC100212	LHMC103205	LHMC103204	---
Sample Date	23 Aug 2023	05 May 2023	20 Feb 2023	---
Machine Hours	6878	6853	5898	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	N/A	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	187	187	186	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	0	2	0	---
Sodium	ppm	<1	3	7	---
Potassium	ppm	0	<1	11	---

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	2	12	9	---
Copper	ppm	2	<1	1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	0	0	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	<1	2	0	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	1	<1	<1	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	56	56	5	---
Magnesium	ppm	27	26	<1	---
Zinc	ppm	36	36	2	---
Phosphorus	ppm	1981	1939	13	---
Barium	ppm	0	0	0	---
Boron	ppm	16	27	2	---

Depot: OSCLAF
 Unique No: 10833612
 Signed: Wes Davis
 Report Date: 18 Jan 2024



GRAPHS

