



SENNEBOGEN 830E MS17 - Rear Left Wheel Hub

Sample No: LHMC100211
 Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LHMC100211	LHMC103197	LHMC102592	LHMC102604
Sample Date	23 Aug 2023	05 May 2023	20 Feb 2023	20 Oct 2022
Machine Hours	6878	6853	5898	0
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	145	145	142	137
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	<1	2	2
Sodium	ppm	0	0	1	0
Potassium	ppm	0	<1	1	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	25	30	85	105
Copper	ppm	3	<1	4	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	<1
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	28	28	60	87
Magnesium	ppm	2	1	2	0
Zinc	ppm	8	<1	10	51
Phosphorus	ppm	282	312	390	979
Barium	ppm	0	0	0	0
Boron	ppm	<1	11	28	268

Depot: OSCLAF
 Unique No: 10833610
 Signed: Don Baldrige
 Report Date: 18 Jan 2024



GRAPHS

