



SENNEBOGEN 830E MS17 - Front Right Wheel Hub

Sample No: LHMC79951

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LHMC79951	LHMC103196	LHMC102515	LHMC102593
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	Not Changd	N/A	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	141	140	139	137



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	2	0	2
Sodium	ppm	<1	2	8	2
Potassium	ppm	0	<1	11	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	27	68	22	40
Copper	ppm	3	6	3	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	85	95	6	173
Magnesium	ppm	1	1	<1	<1
Zinc	ppm	28	23	5	55
Phosphorus	ppm	410	464	15	989
Barium	ppm	0	0	0	0
Boron	ppm	61	73	<1	242

Depot: OSCLAF
 Unique No: 10833607
 Signed: Wes Davis
 Report Date: 18 Jan 2024



GRAPHS

