



SENNEBOGEN 830E MS17 - Front Left Wheel Hub

Sample No: LHMC79963

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LHMC79963	LHMC103185	LHMC103743	LHMC102597
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	Not Changd	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	138	140	139	137
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	2	2	1
Sodium	ppm	1	3	4	3
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	13	59	69	34
Copper	ppm	4	3	2	4
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	0	<1	<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	85	104	118	208
Magnesium	ppm	2	1	2	<1
Zinc	ppm	33	24	34	59
Phosphorus	ppm	493	561	665	1007
Barium	ppm	0	0	<1	0
Boron	ppm	89	101	108	239

Depot: OSCLAF
 Unique No: 10833611
 Signed: Wes Davis
 Report Date: 18 Jan 2024



GRAPHS

