



SENNEBOGEN 830E MS17 - Front Left Wheel Hub

Sample No: LHMC103185

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LHMC103185	LHMC103743	LHMC102597	
Sample Date	05 May 2023	20 Feb 2023	20 Oct 2022	
Machine Hours	6853	5898	0	
Oil Hours	0	0	0	
Oil Changed	Not Changd	N/A	Changed	
Sample Status	NORMAL	NORMAL	NORMAL	
OIL CONDITION				
Visc @ 40°C cSt	140	139	0 137	
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Water	%	NEG	NEG	NEG	
Silicon	ppm	0 2	0 2	0 1	
Sodium	ppm	03	0 4	3	
Potassium	ppm	() <1	◯ <1	0	

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Iron	ppm	0 59	69	34	
Copper	ppm	3	2	0 4	
Lead	ppm	0 🔘	0	◯ <1	
Tin	ppm	0	0	<1	
Aluminum	ppm	0	◯ <1	◯ <1	
Chromium	ppm	<mark></mark> <1	○ <1	0	
Molybdenum	ppm	○ <1	○ <1	0	
Nickel	ppm	○ <1	○ <1	0	
Titanium	ppm	0	0	0	
Silver	ppm	0	0	0	
Manganese	ppm	◯ <1	◯ <1	◯ <1	
Vanadium	ppm	0	0	0	

0

	DITIVES				
Calcium	ppm	0 104	0 118	208	
Magnesium	ppm	01	0 2	○ <1	
Zinc	ppm	0 24	34	59	
Phosphorus	ppm	561	○ 665	0 1007	
Barium	ppm	0	○ <1	0	
Boron	ppm	0 101	0 108	239	



OSCAR WINSKI CO. INC

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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.

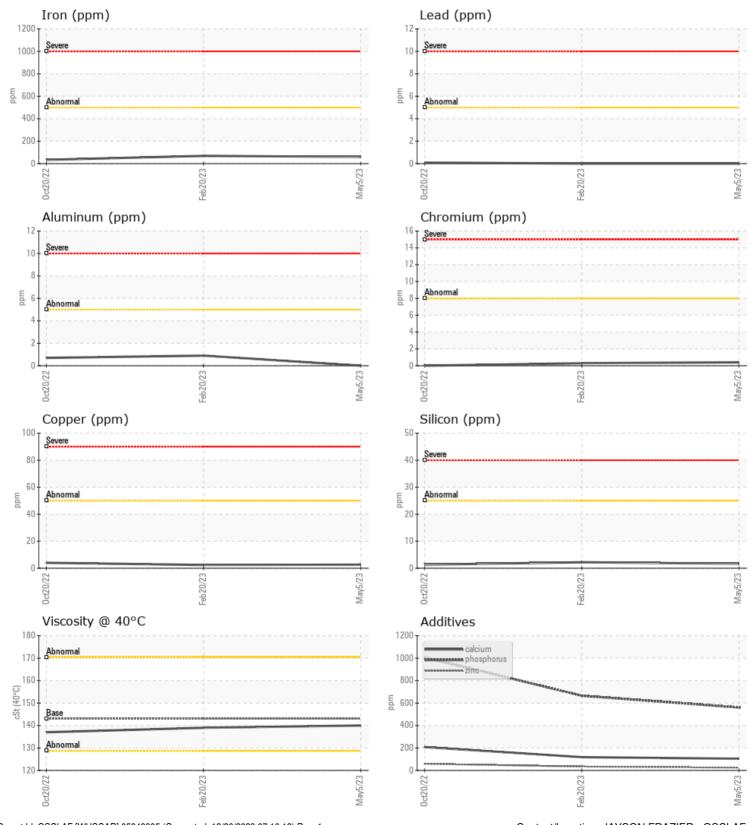
Depot:	OSCLAF
Unique No:	10472412
Signed:	Jonathan Hester
Report Date:	18 May 2023





GRAPHS

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Contact/Location: JAYSON FRAZIER - OSCLAF