

MS20 - Front Left Wheel Hub

Sample No: LH0244837

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH0244837
Sample Date	14 Dec 2023
Machine Hours	3388
Oil Hours	0
Oil Changed	Changed
Sample Status	NORMAL

OIL CONDITION

Visc @ 40°C

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cSt 🔘 130

	NTAMINA	TION		
Water	%	NEG	 	
Silicon	ppm	0 2	 	
Sodium	ppm	0 2	 	
Potassium	ppm	0 ()	 	

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WEA	R METALS	5		
Iron	ppm	0 44	 	
Copper	ppm	04	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	○ <1	 	
Vanadium	ppm	0	 	

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	DITIVES			
Calcium	ppm	9 3	 	
Magnesium	ppm	0	 	
Zinc	ppm	5 3	 	
Phosphorus	ppm	953	 	
Barium	ppm	0 🔘	 	
Boron	ppm	244	 	





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:OSCLAFUnique No:10807062Signed:Jonathan HesterReport Date:29 Dec 2023

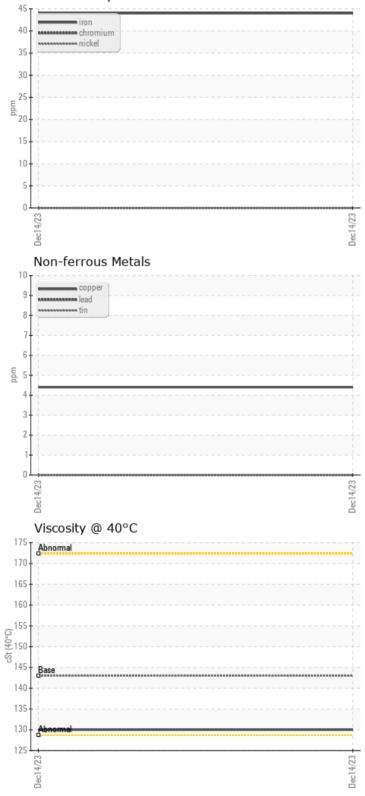




Ferrous Alloys

GRAPHS

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