

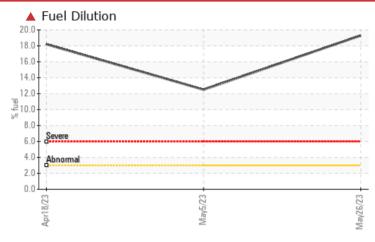
PROBLEM SUMMARY

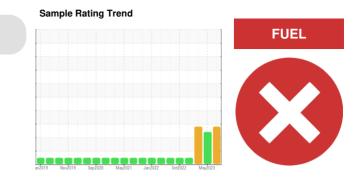
Machine Id

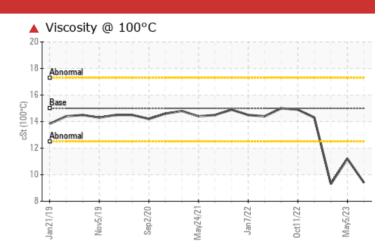
MANITOWOC MLC 300 015-0067

Diesel Engine Fluid SCHAEFFER SUPREME 7000 (12 GAL)

COMPONENT CONDITION SUMMARY







RECOMMENDATION

We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS								
Sample Status				SEVERE	SEVERE	SEVERE		
Fuel	%	ASTM D3524	>3.0	1 9.3	1 2.5	1 8.2		
Visc @ 100°C	cSt	ASTM D445	15	9 .4	🔺 11.2	9 .3		

Customer Id: AECCHATN Sample No.: WC0698014 Lab Number: 05879971 Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data: Wes Davis +1 905-569-8600 x223 wesd@wearcheck.ca

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS					
Action	Status	Date	Done By	I	
Resample			?	١	
Check Fuel/injector System			?	١	

Description

We recommend an early resample to monitor this condition.

We advise that you check the fuel injection system.

HISTORICAL DIAGNOSIS



05 May 2023 Diag: Wes Davis

We advise that you check the fuel injection system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.



18 Apr 2023 Diag: Wes Davis



We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.



22 Feb 2023 Diag: Wes Davis

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.







Water

Iron

Nickel

Silver

Lead

Tin

Boron

Zinc

Fuel

Oxidation

*ASTM D7414

Abs/.1mm Base Number (BN) mg KOH/g ASTM D2896 10

>25

12.3

6.8

Sulfur

Machine Id

MANITOWOC MLC 300 015-0067

Diesel Engine SCHAEFFER SUPREME 7000 (12 GAL)

DIAGNOSIS

Recommendation

We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Wear

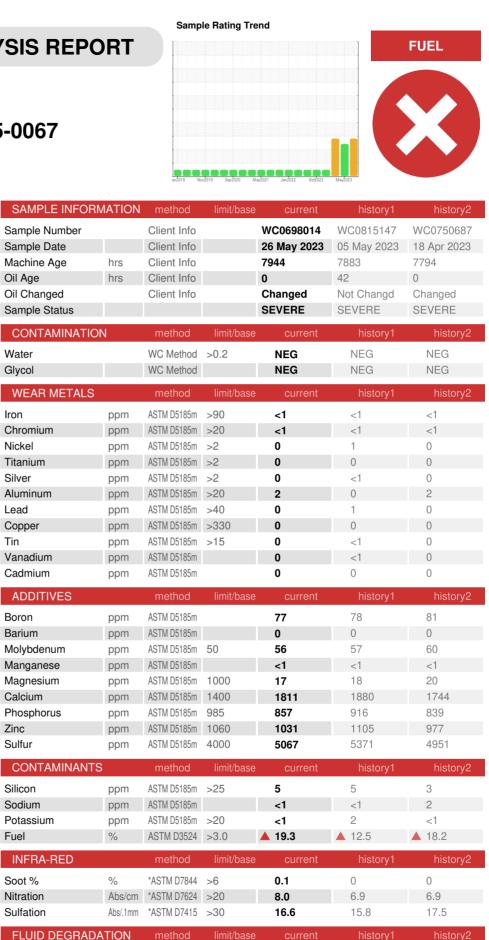
All component wear rates are normal.

Contamination

There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil.

Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.



13.0

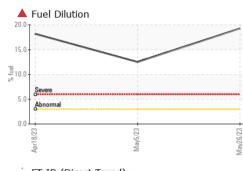
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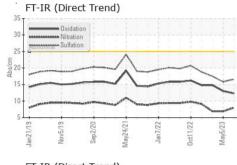
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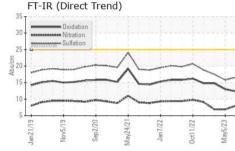
6.1

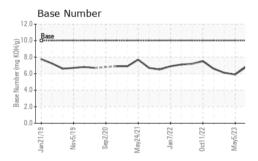


OIL ANALYSIS REPORT



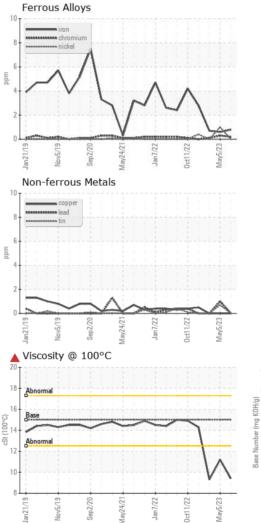


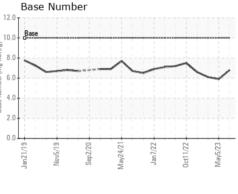


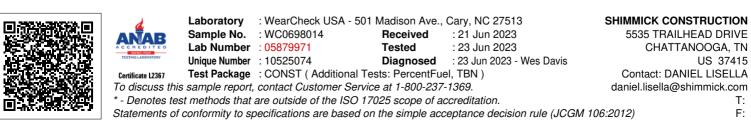


VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	15	9 .4	▲ 11.2	9 .3

GRAPHS







Report Id: AECCHATN [WUSCAR] 05879971 (Generated: 04/17/2024 13:52:36) Rev: 1

Contact/Location: DANIEL LISELLA - AECCHATN