

# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id

# G5-01111 Approved Boat (FRC) (S/N SSEDC 01111)

Diesel Engine

{not provided} (10 LTR)

### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Please provide more complete information on your next sample.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the component.

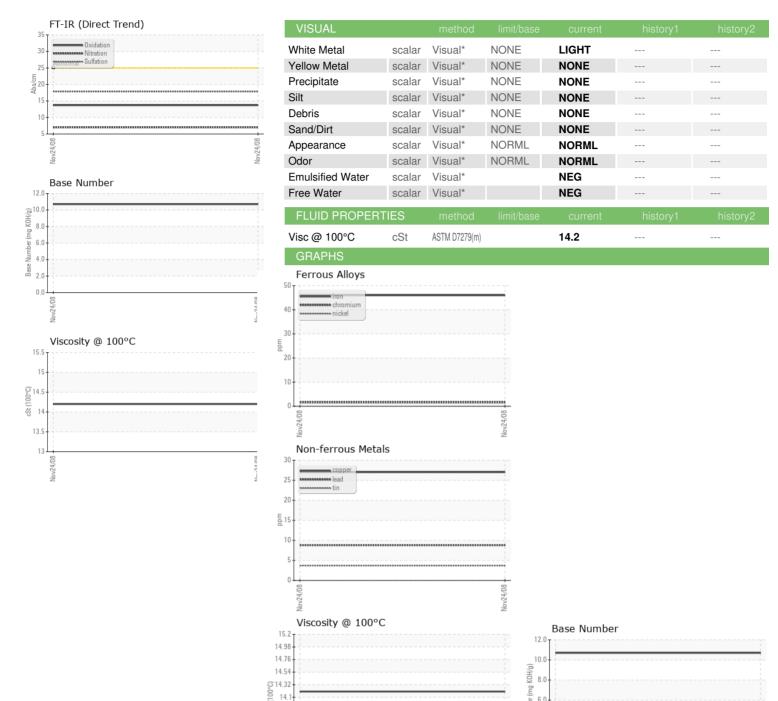
### **Fluid Condition**

The condition of oil is suitable for further service.

				Nov2008		
SAMPLE INFORM	//ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC62002459		
Sample Date		Client Info		24 Nov 2008		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION		method	limit/base	current	history1	history2
Fuel	•	WC Method	mmesacc	<1.0		
Water		WC Method		NEG		
		WC Method		NEG		
Glycol		VVC IVIELLIOU		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)		46		
Chromium	ppm	ASTM D5185(m)		2		
Nickel	ppm	ASTM D5185(m)		1		
Titanium	ppm	ASTM D5185(m)		<1		
Silver	ppm	ASTM D5185(m)		<1		
Aluminum	ppm	ASTM D5185(m)		20		
Lead	ppm	ASTM D5185(m)		9		
Copper	ppm	ASTM D5185(m)		27		
Tin	ppm	ASTM D5185(m)		4		
Vanadium	ppm	ASTM D5185(m)		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		4		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)		6		
Manganese	ppm	ASTM D5185(m)		<1		
Magnesium	ppm	ASTM D5185(m)		283		
Calcium	ppm	ASTM D5185(m)		2424		
Phosphorus	ppm	ASTM D5185(m)		1135		
Zinc	ppm	ASTM D5185(m)		1293		
Sulfur	ppm	ASTM D5185(m)		3963		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		16		
Sodium	ppm	ASTM D5185(m)		0		
Potassium	ppm	ASTM D5185(m)		1		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*		0.1		
Nitration	Abs/cm	ASTM D7624*		7.0		
Sulfation	Abs/.1mm	ASTM D7415*		17.8		
FLUID DEGRADA	TION _	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	ASTM D7414*		13.7		
Base Number (BN)	mg KOH/g	ASTM D2896*		10.7		



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Laboratory Sample No.

: WC62002459 Lab Number : 01505525 Unique Number : 2791619

₹ 13.88 13.66 13.44 13.22 13

> : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 28 Nov 2008

**Tested** : 03 Dec 2008 Diagnosed

0.0

Test Package : MAR 2 ( Additional Tests: Visual )

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.



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