

# #38426 - MARINE DIESEL

Sample No: WC733207

Oil Type: CAT DIESEL ENGINE OIL SAE 30

## SAMPLE INFORMATION

Sample Number	WC733207	---	---	---
Sample Date	01 Feb 2007	---	---	---
Machine Hours	455	---	---	---
Oil Hours	10	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### Bay Port Marina Ltd

165 Marina Park Avenue, PO Box 644  
MIDLAND, ON  
CA L4R 4P4  
Contact: Ken McDonald  
ken@bayportyc.com  
T: (705)727-7678  
F: (705)527-4190

## OIL CONDITION

Visc @ 100°C	cSt	█ 11.3	---	---	---
Oxidation (PA)	%	█ 30	---	---	---

## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 36	---	---	---
Sulfation (PA)	%	█ 38	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---

### Diagnosis

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

## WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	2127	---	---	---
Magnesium	ppm	50	---	---	---
Zinc	ppm	1010	---	---	---
Phosphorus	ppm	930	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	10	---	---	---

Depot: VP151739

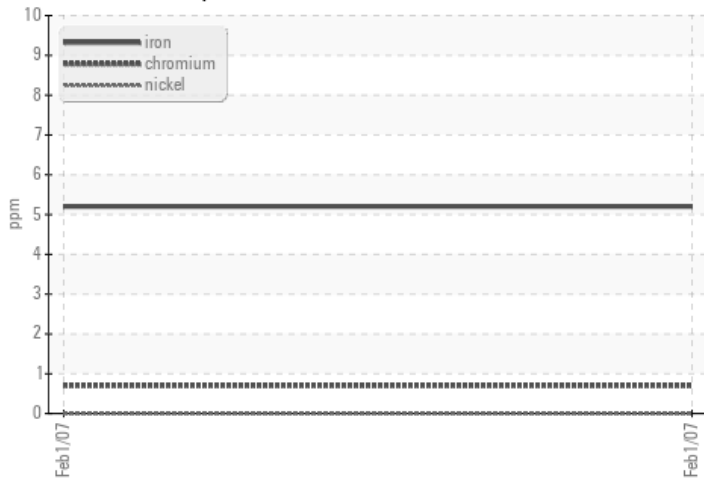
Unique No: 2385797

Signed:

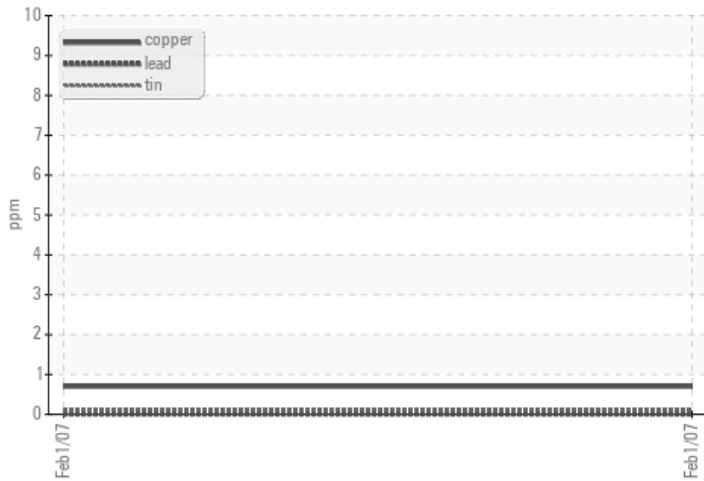
Report Date: 02 Feb 2007

# GRAPHS

## Ferrous Alloys



## Non-ferrous Metals



## Viscosity @ 100°C

