

# ETHANOL & MARINE ENGINES

Boaters trust E10 - a fuel blend of 10% ethanol and 90% gasoline. E10 is the fuel of choice for many boaters because of its high performance and lower emissions.



There are  
**12 million**  
recreational boats in  
the United States.

## ...But is My Engine Compatible?

All modern watercraft are compatible with E10. Every major marine engine manufacturer has approved the use of ethanol blends up to 10% for decades (since 1990). Virtually all gasoline today contains 10% ethanol.



## Preferred by Professionals

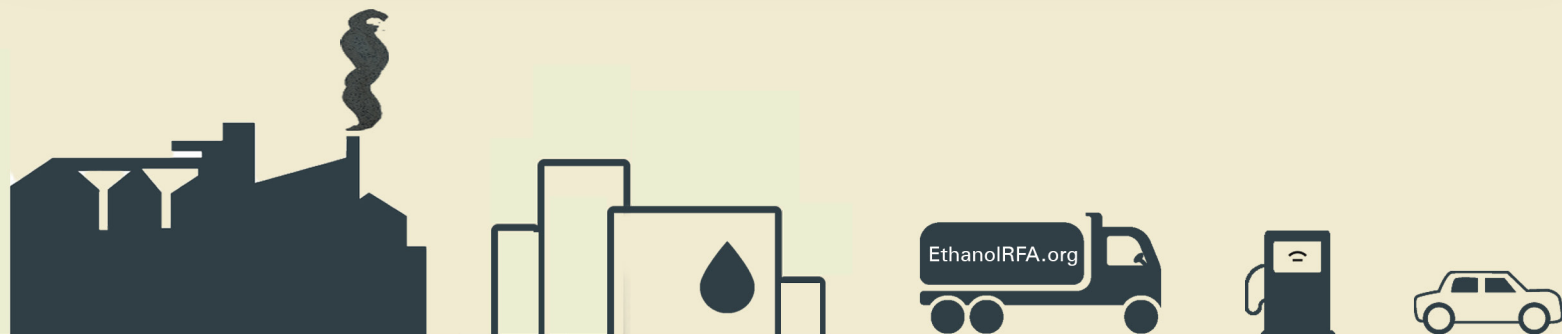

"There is a myth out there that 10% ethanol is not good for marine engines, but we have been operating for over 20 years and have not had any issue with it whatsoever."

"...There are absolutely no problems running on 10% ethanol."

-Vernon Barfield, Former VP & Tech Chairman  
National Boat Racing Association

"The fact still remains that E10 fuel has been approved to safely run in all marine motors. For three seasons now, Crappie Masters has received zero complaints nor had any fuel related engine problems reported. Every poll taken has shown 100% of our tournament anglers are using E10 Fuel in their boats."

-Mike Valentine, President/Owner  
Crappie Masters



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Ethanol's higher octane rating increases engine performance by:

MINIMUM OCTANE RATING  
(R + M) / 2 METHOD

**BURNING  
CLEANER**

MINIMUM OCTANE RATING  
(R + M) / 2 METHOD

**REDUCING  
KNOCK**

MINIMUM OCTANE RATING  
(R + M) / 2 METHOD

**ACTING AS A  
SUPERIOR  
WINTERIZER**



**MANUFACTURER APPROVED** ✓



**SAFE FOR ALL ENGINE TYPES** ✓

Ethanol use in marine engines is restricted to E10 only\*



## REGULAR MAINTENANCE IS KEY

Like any other fuel, it is important for boat owners using E10 to properly maintain their engines.

### TIP 1

Ensure a tight seal.  
If water is found, dry  
the tank before refueling.

### TIP 2

If possible, have your  
watercraft prepared  
for storage by an  
authorized facility for  
winterizing.

### TIP 3

Always consult your  
owner's manual if you  
have any questions.

