



## Ethanol fuels and small engines. Marine and land based

### Introduction

A lot of small engines can use BP Unleaded 91 with 10% Ethanol whether they are in home garden equipment, or fitted in leisure marine craft. Ethanol blend fuels are not new by global standards, and the issues relating to smaller engines mostly revolve around storage and handling of the fuel rather than the ability to run an engine. BP ethanol fuel is comprehensively formulated to include detergent additive and corrosion inhibitors.

### What to use?

Before using any grade of fuel in your equipment or engine check first that you have selected the appropriate grade. Modern equipment handbooks will offer practical advice on the appropriate fuel grades to use. For high speed two stroke power equipment, or if manufacturer data not available or where the equipment has running fuel tanks that are made from aluminium, plastic, or fiberglass, the recommendation is that Premium Unleaded should be used.

### If your equipment can use BP Unleaded 91 with 10% Ethanol then:

#### Do's

- Check that the fuel tank system is compatible especially in marine applications.
- Observe safe fuel handling practices.
- Use fresh fuel or fuel mixes in equipment each time you use it.
- Run equipment fuel tank to empty after use where practical, or in the case of marine make sure the tank system is properly sealed.

Continued.....

Continued...

- Store your fuel in approved containers, example those marketed as meeting AS 2906.
- Store your fuel in a safe, temperature stable location.

#### **Don'ts**

- Use ethanol blend fuels in equipment without checking with the owner's manual or manufacturer.
- Store ethanol blend fuels in equipment running tanks especially where it can be subjected to moisture ingress.

**Remember when in doubt use Premium Unleaded fuel.**

**For further information, please call the BP Lubricants and Fuel  
Technical Helpline 1300 139 700 local call  
or visit [www.bp.com.au/fuelnews](http://www.bp.com.au/fuelnews)**