



USING OPAL IN MOTOR BIKES

Introduction

Opal is a 91 grade fuel for spark ignition engines that is primarily used where petrol sniffing is a problem within the community. The fuel meets all of the current federal and state determinations for unleaded 91 RON fuel. It has very low to zero aromatic compounds that are believed to be associated with the narcotic effects of sniffing petrol. Opal is the only fuel which can be purchased in some areas and some vehicles requiring a higher octane fuel may experience driveability issues. Always consult the manufacturer's hand book to determine the correct octane requirement of the vehicle.

MOTOR BIKES

Trail Bikes that require a fuel Octane rating of 95 or higher (WR, KTM, or CRF models) may experience starting or performance problems when using Opal fuel.

The bikes maybe over fuelling and fouling the spark plug.

RECOMMENDATIONS

BP has found that an octane booster such as Valemaster Plus, (ref bottle for mixing levels) can resolve these problems.

This is an Iron base octane booster which lowers the burn off temperature of carbon to minimize spark plug fouling and also increases the fuel Octane by 1 number.

Also changing the spark plug from a standard to high performance one that has a smaller electrode may help as they are less prone to fouling, and have a better burn rate.

STORAGE LIFE

When stored under shelter in a sealed container, the storage life of OPAL is one year. When stored in opened containers or motor bike fuel tanks then storage life is reduced to one month due to loss of volatile components. Adding one third fresh fuel can restore performance.

**For further information, please call the
BP Lubricants and Fuels Technical Helpline
1300 139 700
Local Call**

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