



PRODUCT INFORMATION

BP ULTIMATE DIESEL FUEL

DESCRIPTION

BP Ultimate Diesel is a refined premium diesel fuel with higher cetane and lower sulphur than specified in the Australian Standard. It is formulated to burn better than ordinary diesel fuel and remove deposits from vital engine components such as injectors, enabling engines to run more smoothly and efficiently. BP Ultimate Diesel is formulated to help protect the engine against the harmful effects of corrosion and wear. BP Ultimate Diesel's foaming characteristics have been modified to reduce the likelihood of spills and splash back. Compared with ordinary diesel, using BP Ultimate Diesel will provide;

- Protection against rust and wear
- Reduced foaming, leading to quicker, cleaner and safer refuelling
- Minimal rough idling

BP Ultimate Diesel is designed for use in normally aspirated and turbocharged high speed diesel engines.

PROPERTIES

BP Ultimate Diesel exceeds the requirements of AS 3570, the Australian Standard for Automotive Diesel Fuel, and the requirements of the National Fuel Quality Standards 2000 diesel determination of 2001. BP Ultimate Diesel is comparable to EURO 5 diesel fuel.

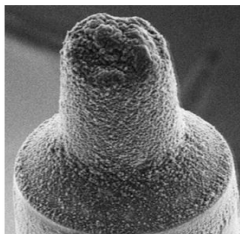
BP Automotive Diesel Fuel should not be used in aircraft.

property	BP Ultimate Diesel
Cetane rating	50 min typically 55 to 60
Sulphur	10 mg/kg max
Cloud point	Meets Standards

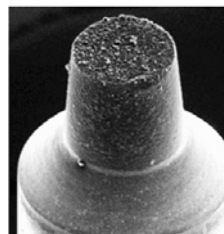
BENEFITS

Injector cleanliness

BP Ultimate Diesel helps clean fuel injectors.



Ordinary diesel



After switching to BP Ultimate (equivalent of 7000 km)

BP ULTIMATE DIESEL FUEL



Poor quality fuel spray



Good quality fuel spray

Deposit build-up around the injector pintle and nozzle can lead to poor fuel spray quality, which in turn can lead to poor combustion. Fuel spray quality is critical to the combustion process, in order that the fuel burns smoothly and completely. An optimum spray pattern is maintained when injectors are kept clean. This can contribute to improvements in engine performance such as power output, fuel economy, and reduced exhaust emissions compared to ordinary diesel.

Corrosion Resistance



Standard diesel without corrosion protection



BP Ultimate Diesel

Test ASTM D655 modified for diesel, also called NACE test.

STORAGE

BP Ultimate Diesel is a Combustible C1 product for storage and handling regulations and legislation requirements in Australia.

Storage of diesel in drums or bulk tanks needs to be properly managed to maintain product quality and storage life. The following procedures will ensure that the fuel remains fit for use.

- Ensure that the grade of fuel (winter or summer) is suited to the seasonal period when it will be used.
- The oldest fuel shall always be used first.
- Drain water and sediment from bulk tanks at regular intervals, start with daily de-watering in the morning when the fuel is coolest, extend drain intervals if no water is detected.



PRODUCT INFORMATION

BP ULTIMATE DIESEL FUEL

- Do not use copper, brass or zinc in contact with the fuel.
- Ensure that horizontal tanks slope to the drain valve so that drainage is not impeded.
- In dusty areas consider a 10 micron air breather filter to remove airborne dust.
- Do not let filling hoses drop onto the ground or dirt.

When stored correctly BP Ultimate Diesel will normally keep for 12 months without deteriorating but should not be mixed with old fuel as this will shorten the storage life of the new fuel.

END

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