

What is the WA Renewable Fuels Association Inc?

The WA Renewable Fuels Association Inc. was formed in early 2001 with the aim of promoting and supporting the renewable fuels industry in Australia.

Renewable fuels include not only biodiesel but also ethanol, vegetable oils, animal fats, methane and biomass

Members meet regularly to view projects of other members, attend education sessions, to promote the production of a quality product, safely and effectively.

The Committee has discussions with Industry groups, the EPA, and Government, to promote renewable fuels, and to liaise with them on behalf of members.



WA Renewable Fuels Association Inc

Application for Membership

Name: _____

Home Address: _____

ph: _____ Fax: _____

E-mail: _____

Mobile: _____

Please tick the appropriate box if you wish other members to be able to contact you by telephone
Or (where an e-mail is given) e-mail

Membership subscription: \$50 per annum.

If sending application by post, please include your Money order or Cheque made payable to the **WA Renewable Fuels Association Inc.** Do not post cash.

Please send your membership application to:
WA Renewable Fuels Association Inc.
7 Nardie Place,
Hillman WA 6168

For more information about the Association, please contact Tony Clark (President).
ph: 0428 920 881 (mob) (08) 9497 8619 (a/h)
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WESTERN AUSTRALIAN RENEWABLE FUELS ASSOCIATION INC.



"Supporting the development of a renewable fuels industry in Australia"

What is Biodiesel?

What is Biodiesel?

Biodiesel is a renewable fuel made from vegetable oil (new or used) or animal fat. It is an environmentally friendly replacement for, or additive to, diesel fuel.

Biodiesel can be easily mixed with diesel to create a biodiesel blend. No major engine modifications are needed to use biodiesel and it does not require special storage or fuel dispensing facilities.

Advantages of Biodiesel

Biodiesel performs very much like diesel as it has similar power, torque and fuel economy. The big advantage in using biodiesel is that harmful exhaust emissions are substantially reduced compared to conventional diesels.

Emissions such as unburned hydrocarbons, carbon monoxide, sulphur, aromatics and particulates are reduced when using biodiesel.

Another advantage of biodiesel is that it provides better engine lubrication than low-sulphur diesel fuel.

Biodiesel is also safer to handle due to its excellent biodegradability characteristics, low toxicity and high flashpoint.

Biodiesel has also been shown to greatly reduce net CO₂ greenhouse gas emissions. This is because CO₂, which is released when the fuel is burnt, is captured by growing plants which are then processed into another batch of biodiesel.



Sample of biodiesel made from used cottonseed oil

One of the key advantages of biodiesel is that it is renewable. Fossil fuels (like petrol & diesel) are non-renewable, meaning that once we use it all up - that's it, it's gone forever.

Renewable fuels like biodiesel are a much more sustainable source of fuel because as long as they are produced in an ecologically sustainable way, they will not run out.

Using biodiesel also has the potential to greatly reduce our reliance on expensive imported oil, leading to the creation of local jobs and the improvement of our balance of payments situation.

The great thing about biodiesel is that it can be made from waste vegetable oil. This means that not only do vehicles running on biodiesel produce less harmful air pollution, they are also benefiting the environment by reusing oil that would normally go into landfill or be used for feedstock.

Biodiesel Production

Biodiesel is currently in commercial production in many countries in the world including the USA, Germany, Italy, France and the Czech Republic.