



NATIONAL BIODIESEL PTY LTD

# SOYDIESEL MONTHLY

## PT KEMBLA FACILITY LAUNCHED BY MINISTER

### Special points of interest:

- Pt Kembla facility announced by Minister
- NSW mandates 2% biodiesel blend
- Strong Soydiesel® sales across industries
- Another OEM supports Soybiodiesel® in their equipment

On Monday 18th May 2009, Minister for lands, the Hon. Tony Kelly announced that Development Approval for National Biodiesel's \$243 million Soybean Processing and Biodiesel Production Facility has been awarded.

Also speaking at the ceremony were local MP Ms. Noreen Hay and National Biodiesel Chairman Mr. Edward Dutton. The event was attended by local dignitaries including Pt Kembla Port Corporation CEO Mr. Dom Figliomeni, Illawarra Business Chamber CEO Mr. Greg Fisher and Wollongong City Council Administrator Mr. Colin Gellatly, and GM Mr. David Farmer.

*"This is the first integrated soybean processing and biodiesel production facility in Australia and is a major boost to the Illawarra"*

Minister Tony Kelly

*"Soy-based biodiesel contributes to reducing greenhouse emissions and hazardous particles in our air as they burn cleaner than petroleum fuels, and being made from soybeans, it is renewable and sustainable. Soybiodiesel® is currently available across a number of locations, from the Illawarra, Sydney, Brisbane and as far north as Gladstone, QLD."*

NB Chairman Ed Dutton



National Biodiesel Chairman Ed Dutton with Minister Tony Kelly, and MP Noreen Hay



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## RECORD SALES OF SOYBIODIESEL®

Despite a market slowdown and fears of a local recession growth in sales of Soybiodiesel® and Soydiesel® continues to increase as the market begins to appreciate premium soy-based biodiesel from other competitor's past product.

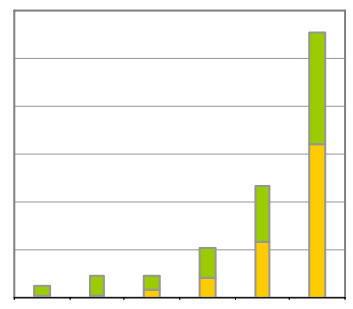
Sales out of Port Kembla and recent supply from terminals in

Brisbane and Pt Alma have provided access of Soybiodiesel® to users across NSW and QLD.

*"Strong and increasing demand is seen from large-scale mining, construction, and agricultural industries."*

Sales Manager, Ray Adams

National Biodiesel Terminal Sales





New South Wales Government

Taking a step forward in supporting the State's fuel security and helping to reduce our carbon footprint

## NSW MANDATES BIODIESEL

The NSW State Government has set a mandate requiring a minimum of 2% biodiesel to be included in all diesel sales. This will be increased to 5% in 2011, corresponding to completion of the first year of operations at the Port Kembla Soybean Processing and Biodiesel Production Facility which will produce 288 million litres per year for supply into the NSW market.

*"These mandates send a strong signal to biofuel producers and investors that the Rees Government is committed to the development of a long-term, sustainable biofuels industry in NSW."*



Minister for Lands, the Hon. Tony Kelly

This mandate aligns with the Federal Government's Renewable Energy Target scheme currently in the senate, with new targets to commence from 2010.

For information on supply of Soybiodiesel®, please refer to back page.

## SOYBODIESEL® A HIT AT TRADE SHOW



Australian Cotton Trade Show Moree, NSW

National Biodiesel has taken its message to Australia's leading irrigation farmers at the Australian Cotton Trade Show in Moree on 27 and 28 May. Many farmers were very eager to commence using Soydiesel® in their farm machinery such as headers, tractors and trucks. There is already a strong demand from many in the cotton industry who are attracted to the car-

bon abatement and cleaner emissions resulting from the use of Soydiesel®. National Biodiesel's Cliff Kemmett said, "We have been run off our feet by farmers who recognize the benefits of switching to Soy-based biodiesel blend and who are also soybean producers. This concept of using crops to power the implements on a farm is not new, since the days of the draught horse farmers have

produced their on-farm energy requirements". National Biodiesel will have a presence at this years Ag-Quip field day in Gunnedah on 18-20 August.



## CASE IH THROWS ITS WEIGHT BEHIND BIODIESEL

*"Only biodiesel made from Soybean or canola, such as Soybiodiesel® are approved for use in Case IH machinery due to the superior quality and the sustainable and consistent nature of the derived fuel."*

One of the world's largest manufacturers of agricultural equipment, Case IH announced its support for biodiesel in Australia. Under its "Biodiesel Ready" brand, Case IH leads the charge into liquid transport fuel security and sustainability as the first of the big OEMs (Original Equipment Manufacturers) to recommend

use of biodiesel in all its equipment with most models suitable for use of 100% biodiesel (B100).

*"Case IH is committed to the future of the agricultural industry, and extends to supporting the use of biodiesel..."*

Stuart Brown, Case IH Marketing Manager



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*National Biodiesel Pty Ltd is the only supplier of premium quality Soy biodiesel sourced exclusively from BQ-9000 certified producers. We specialize in the wholesale supply of Soy biodiesel® to the following industry segments:*

- *Mining - large scale*
- *Civil construction*
- *Road Haulage & Transport*
- *Agriculture & Farming*
- *Marine Industry*

*The supply of Soy biodiesel® to the NSW and QLD markets is in the lead-up to commissioning of a large-scale Soybean Processing and Biodiesel Manufacturing Facility in Port Kembla, NSW, which will produce Soy biodiesel®, glycerine and soybean meal for Australian and international markets.*

**Clean, renewable, sustainable**

**WWW.NATBIODIESEL.COM.AU**

## INTEREST ARTICLE - THE COLD-SOAK FILTRATION TEST

In October 2008, the ASTM published an updated version of the American Biodiesel Standard – ASTM D6751-08. This version of the B100 standard contains a new test – Cold Soak Filterability.

Formally publishing the Cold Soak Filterability (CSF) test as part of the American Biodiesel Standard is the culmination of almost three years' worth of research. The aim of this new test is to avoid any unexpected sedimentation problems during biodiesel storage, cold weather conditions and when used in mineral diesel blends. This is in addition to using biodiesel that otherwise has sufficient cold-flow properties such as cold filter plugging point (CFPP). The American biodiesel industry recognized that the then current biodiesel standard had not been able to detect some potential sedimentation problems and subsequently took pro-active measures to develop a new biodiesel quality test.

This forced manufacturers to improve their manufacturing and treatment processes in order to consistently pass the CSF test. Complaints regarding unexpected sedi-

mentation all but disappeared after incorporation of the CSF test.

Vegetable oils and animal fats, and subsequently biodiesel made from these feedstocks, can contain up to 1 – 2% by weight of so-called unsaponifiable matter. The presence of unsaponifiable matter in biodiesel can lead to two main problems:

- 1) Precipitation of partially soluble compounds over time and during low temperatures. This is because compounds can have varying degrees of solubility in biodiesel, with compounds of lower solubility most likely to precipitate first.
- 2) The compounds can be forced out of solution when biodiesel is blended with mineral diesel, forming suspended aggregates that can either cause filter blocking problems or sediment at the bottom of fuel storage vessels.

The two phenomena described above can lead to severe problems when using biodiesel that otherwise conform to the current Australian Biodiesel Standard.

As National Biodiesel exclusively sources its biodiesel from BQ-9000 accredited producers, we specify, amongst other things, that all our Soy biodiesel® passes the CSF test comfortably. In addition to meeting the Australian Biodiesel Standard NB voluntarily subjects its Soy biodiesel® to another round of CSF testing before distribution to customers.

NB customers can find additional peace of mind in knowing that we are always up to date with the latest developments in biodiesel quality management. We routinely subject our biodiesel to testing over and above what is required by the Australian Biodiesel Standard. The CSF test is just one more safeguard for our customers.

