

BIODIESEL TESTIMONIAL

DETROIT SALT MINE

The following conclusions were recorded from results of a combined Detroit Salt Mine and MSHA study of baseline DPM emissions when using B100 Soy Biodiesel in an underground mine.

Equipment: Under cutters; Drills; Powder Rigs; Scalers and Loaders
Manufacturers: Caterpillar; Cannon and Getman (Deutz)

- Using B99-B100 clearly reduced the DPM exposure values in the Detroit Salt Mine by as much as 80%
- Exhaust from diesel engines is clear and black soot problems are nearly eliminated
- The use of Soy Diesel in diesel equipment at this underground mine, has dramatically lowered DPM readings
- The use of Biodiesel (Soy) in 100% - 999% by volume has shown no ill effects to engine performance, horse power or cooling.

Other benefits recorded:

- 78% Reduction in CO₂ Emissions
- 90% Reduction in Un-burnt Hydrocarbons
- 11% O₂ by Weight
- 7-9% lower BTU Content (#2 Diesel)
- 30% Greater Lubricity
- Contains NO Sulphur
- Flash Point 127°C vs. 48°C
- Biodegradable
- Non Toxic



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