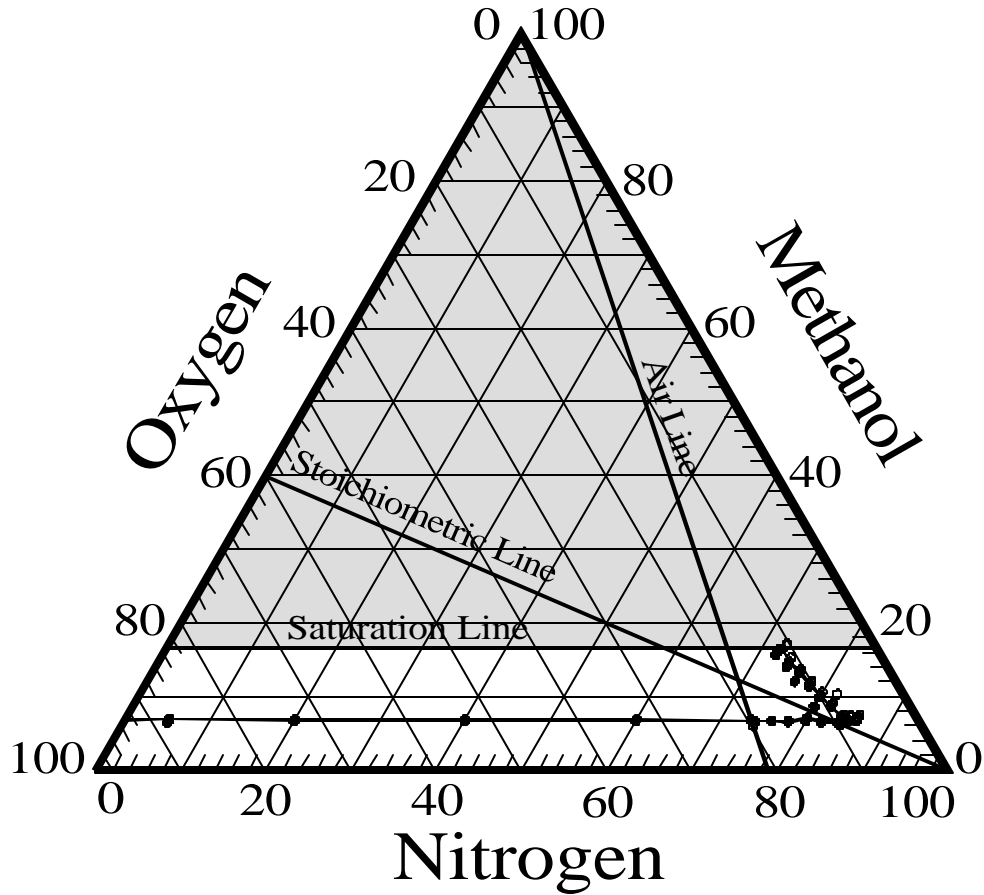


## Flammability Diagram for Methanol



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 Houghton, Michigan  
 June 20, 2001

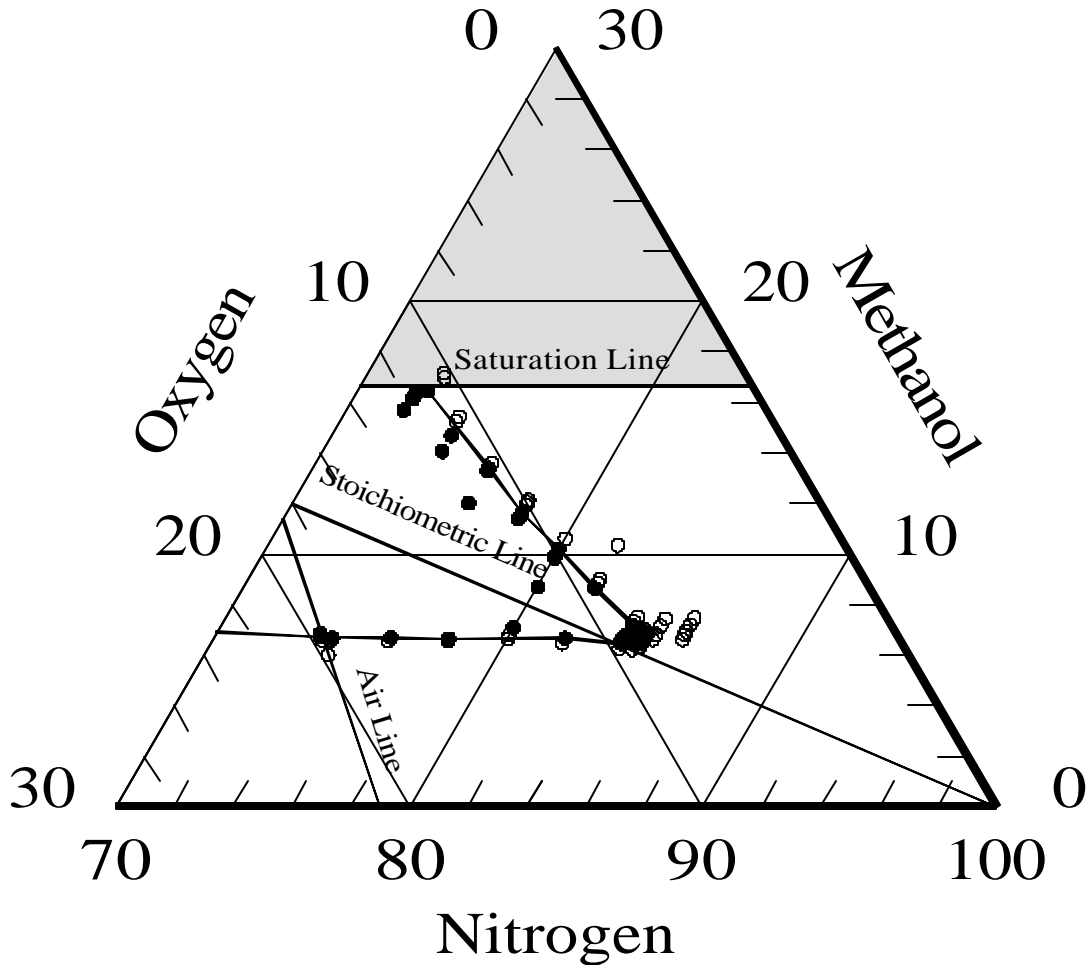
### Flammability Parameters

Lower Flammability Limit (LFL): 6.7% Methanol  
 Minimum Oxygen Concentration (MOC): 8.6% O<sub>2</sub>  
 Flammable Boundary at Saturation (FBS): 11.1% O<sub>2</sub>

- Flammable Mixture
- Non-Flammable Mixture
- Flammable Zone Boundary

Initial Pressure: 14.70 psia  
 Initial Temperature: 25°C  
 Reactor Volume: 20 L  
 Igniter Location: Center  
 Igniter Type: 1 cm 40 AWG SnCu / 500 VA  
 Igniter Energy: 10 J

## Flammability Diagram for Methanol (Close-Up View)



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### Flammability Parameters

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