디젤기관에서 바이오디젤혼합유의 배기배출물특성에 미치는 연료분사시기의 영향

임재근⁺·최순열¹·조상곤²·이호현³

Effects of Fuel Injection Timing on Exhaust Emissions Characteristics of Biodiesel Blends in Diesel Engine

Lim Jae Keun+ · Choi Soon Youl¹ · Cho Sang Gon² · Lee Ho Hyun³

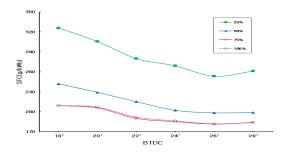


Figure 1. Specific fuel consumption at various fuel injection timing

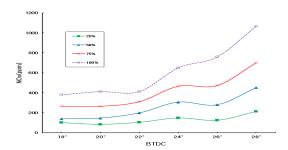


Figure 4. NOx emission characteristics at various fuel injection timing

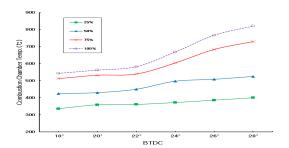


Figure 2. Combustion chamber temperature at various fuel injection timing

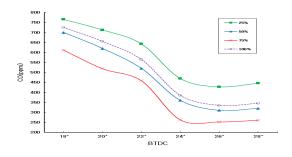


Figure 5. CO emission characteristics at various fuel injection timing

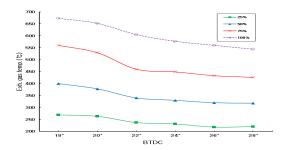


Figure 3. Exhaust gas temperature at various fuel injection timing

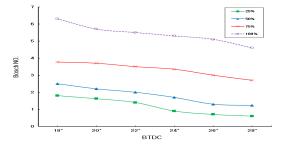


Figure 6. Soot emission characteristics at various fuel injection timing

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