

## Penelitian Perbandingan Unjuk Kerja Tiga Refrigeran Hidrokarbon Indonesia terhadap Refrigeran R12 (CFC-12)

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### Abstrak

Hydrocarbon can be used as alternative refrigerant because it has small GWP and zero ODP. This research intends to compare these Indonesian Hydrocarbon Refrigerants. fine experiment was held al Air Conditioning Test Facility, BTMP - BPPTZ The experiment was running based on the following conditions: compressor running or 2980 rpm, inlet evaporator for evaporator was varied from  $-2^{\circ}\text{C}$  until  $6^{\circ}\text{C}$  and outlet temperature of condenser was set at  $39^{\circ}\text{C}$  Test analysis shows that hydrocarbon performance is almost some as CFC-12 even better than R12. As conclusion hydrocarbon can be used as alternative for CFC-12.