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REVIEW ON OZONE DEPLETION AND GLOBAL WARMING

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ABSTRACT

Natural refrigerants are presented as the perfect, ecologically benign refrigerants and the final answer to ozone loss and global warming in this article. In refrigerated and air-conditioning systems, HFC refrigerants are presently the most common alternative for CFC and HCFC refrigerants. However, they are just as alien to nature as CFCs and HCFCs, providing a solid foundation about the need to embrace natural refrigerants as a substitute for halocarbon refrigerants. This study also looks at the possibilities of refrigerants and their uses in refrigerated and air-conditioning systems. Both oil used in R12 or poly-ol-ester oils in use in R134a systems are miscible with natural refrigerants, particularly hydrocarbons, and their combinations. They are also fully compatible with in all materials typically used in refrigeration systems, with the exception of ammonia. Finally, the results of this study show that natural refrigerants are the best long-term options in refrigerated and air-conditioning systems.

KEYWORDS: *Atmosphere, Carbon, Global warming, Ozone, Refrigerants.*

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