

Abstract

Provided is a gas oil composition which is excellent in life cycle CO₂ emission properties, oxidation stability, less affective to parts properties, and low temperature startability and comprises a base gas oil produced by contacting an animal or vegetable fat and/or a component originating therefrom, with a hydrotreating catalyst containing at least one or more metals selected from the group consisting of the Groups 6A and 8 metals of the periodic table and an inorganic oxide with acidic properties, under hydrogen pressure, the sulfur and oxygen contents of the gas oil composition being 5 ppm by mass or less and 1 percent by mass or less, respectively.