

ABSTRACT

The present invention relates to a saturated aliphatic hydrocarbon compound composition having an evaporation loss of 4% by mass or less as determined by the Noack method, a kinetic viscosity at 100°C of 6.5 mm²/s or less, and an average carbon number of 36 to 44, to a lubricating oil composition containing the saturated aliphatic hydrocarbon compound composition, and to a method for producing a saturated aliphatic hydrocarbon compound composition, including: a step 1 of oligomerizing an olefin to obtain an olefin oligomer; a step 2 of isomerizing the olefin oligomer to obtain an isomer; and a step 3 of hydrogenating the isomer.