

[ABSTRACT]

A petroleum-based aromatic-containing oil, wherein a ratio of saturated components by a clay-gel method is 40% by mass or less, a ratio of bicyclic aromatic components fractionated by HPLC is 10% by mass or more and 30% by mass or less with respect to 100% by mass of aromatic components, a content of benzo(a)pyrene is 1 mass ppm or less, and a total content of the following specific polycyclic aromatic hydrocarbons 1) to 8) is 10 mass ppm or less:

- 1) benzo(a)pyrene, 2) benzo(e)pyrene, 3) benzo(a)anthracene, 4) chrysene, 5) benzo(b)fluoranthene, 6) benzo(j)fluoranthene, 7) benzo(k)fluoranthene, and 8) dibenzo(a,h)anthracene.