

Abstract

A refrigerator oil composition includes: a synthetic base oil; and a partial hydrocarbyl ether of an aliphatic polyhydric alcohol condensate, in which the aliphatic polyhydric alcohol condensate includes a condensate of 4 to 20 molecules of a hindered glycol and/or an aliphatic polyhydric alcohol having 3 to 6 hydroxyl groups. The refrigerator oil composition is preferably used in a compression refrigerator that uses a hydrofluorocarbon, a natural refrigerant such as a hydrocarbon, carbon dioxide, or ammonia, a mixed refrigerant of fluoroiodomethane and propene, an unsaturated fluorinated hydrocarbon, a fluorinated ether, a fluorinated alcohol, a fluorinated ketone, or a mixture thereof as a refrigerant, has a low coefficient of friction, and is excellent in energy-saving property.