

ABSTRACT OF THE DISCLOSURE

REFRIGERATION LUBRICANT COMPOSITION

The present invention provides a refrigeration lubricant composition comprises an ester obtained from a mixed alcohol and a mixed carboxylic acid as a main component. The mixed alcohol comprises 65 to 99.95 mol% of pentaerythritol and 0.05 to 35 mol% of dipentaerythritol, the mixed carboxylic acid comprises 25 to 55 mol% of monocarboxylic acid having 5 to 8 carbon atoms and 45 to 75 mol% of isononanoic acid, and the composition has a hydroxyl value of 5.0 mgKOH/g or less and an acid value of 0.05 mgKOH/g or less.