ABSTRACT OF THE DISCLOSURE

Refrigeration Lubricant Composition

The present invention provides a refrigeration lubricant composition comprising a mixed ester obtained from a mixed alcohol and a saturated monocarboxylic acid having 5 to 10 carbon atoms as a main component, wherein the mixed alcohol comprises 1 to 90 mol% of neopentyl glycol, 10 to 80 mol% of pentaerythritol, and 0.01 to 20 mol% of dipentaerythritol and satisfies the following relation:

$$0.2 \leqq \frac{(\text{Mol\% of pentaerythritol})}{[(\text{Mol\% of neopentyl glycol}) \times (\text{Mol\% of dipentaerythritol})]} \leqq 7.0 \qquad (1)$$

and the composition has a kinematic viscosity at 40°C of 6 to 28 mm^2/s.