## Claims

1. A lubricant base oil consisting of an ester, said ester comprising:

a component (A) derived from pentaerythritol in a molar percentage $A_{mol\%}$ of 20 to 30 mol%;

a component (B) derived from a straight-chain fatty acid having a carbon number of 14 to 22 in a molar percentage $B_{mol\%}$ of 55 to 79 mol%; and

a component (C) derived from adipic acid in a molar percentage $C_{mol\%}$ of 1 to 15 mol%,

wherein a molar ratio $(C_{mol}/B_{mol})$ of said component (C) derived from adipic acid and said component (B) derived from said straight-chain fatty acid having a carbon number of 14 to 22 is 0.02 to 0.25, and

wherein said ester has a hydroxyl value of 10 to 100 mgKOH/g.

2. The lubricant base oil as claimed in claim 1, wherein said molar percentage $C_{mol\%}$ is 2 to 10 mol%.

3. The lubricant base oil as claimed in claim 1, wherein said straight-chain saturated fatty acid comprises myristic acid, palmitic acid, stearic acid, arachidic acid, behenic acid, myristoleic acid, palmitoleic acid, oleic acid, linoleic acid, linolenic acid and erucic acid.

4. The lubricant base oil as claimed in claim 1, preventing rust against sea water.

5. A bearing oil consisting of the lubricant base oil as claimed in claim 1.

6. A hydraulic oil consisting of the lubricant base oil as claimed in claim 1.

7. A gear oil consisting of the lubricant base oil as claimed in claim 1.

8. A stern tube bearing oil consisting of the lubricant base oil as claimed in claim 4.