CLAIMS

1. A cylinder lubricating oil composition for a crosshead diesel engine, comprising an ashless dispersant (B) and a metallic detergent (C) in a lubricant base oil (A), wherein

a product of a number average molecular weight, a content, and an effective concentration of the ashless dispersant (B) is at least 9000, and

an endothermic peak temperature of the metallic detergent (C) as measured by DSC at a rate of temperature increase of 50°C/min is at most 460°C.

2. The cylinder lubricating oil composition for a crosshead diesel engine according to claim 1, wherein the number average molecular weight of the ashless dispersant (B) is at least 2500.

Claims

1. A cylinder lubricating oil composition for a crosshead diesel engine, comprising an ashless dispersant (B) and a metallic detergent (C) in a lubricant base oil (A), wherein

the lubricant base oil (A) has a kinematic viscosity at 100°C of 4 mm^2/s to 50 mm^2/s, and includes at least one of a mineral base oil and a synthetic base oil having a kinematic viscosity at 100°C of at least 4 mm^2/s and less than 17 mm^2/s and a mineral base oil and a synthetic base oil having a kinematic viscosity at 100°C of 17 mm^2/s to 150 mm^2/s,

the ashless dispersant (B) is a bis-type or monotype succinimide,

a product of a number average molecular weight, a content, and an effective concentration of the ashless dispersant (B) is at least 9000,

the metallic detergent (C) is an overbased calcium salicylate or an overbased calcium sulfonate, and

an endothermic peak temperature of the metallic detergent (C) as measured by DSC at a rate of temperature increase of 50°C/min is at most 460°C.

2. The cylinder lubricating oil composition for a crosshead diesel engine according to claim 1, wherein the number average molecular weight of the ashless dispersant (B) is at least 2500.