CLAIMS

1. A grease composition for constant velocity joints comprising:

a lubricating base oil;

at least one thickener selected from urea-based thickeners, urethane-based thickeners and urea/urethane-based thickeners;

an organomolybdenum;

a zinc dithiophosphate;

a polysulfide; and

a triglyceride,

wherein a content of the organomolybdenum is 1000-5000 ppm by mass in terms of molybdenum element based on a total amount of the grease composition.

2. The grease composition for constant velocity joints according to claim 1, wherein a total content of the organomolybdenum, the zinc dithiophosphate and the polysulfide is 1-4% by mass based on the total amount of the grease composition.

3. The grease composition for constant velocity joints according to claim 1 or 2, wherein the composition is used for lubricating fixed or sliding constant velocity joints applied to drive shafts for automobiles.

4. A fixed constant velocity joint comprising:

the grease composition for constant velocity joints according to claim 1 or 2, the grease composition sealed in the fixed constant velocity joint; and

balls as rolling elements.

5. A sliding constant velocity joint comprising:

the grease composition for constant velocity joints according to

claim 1 or 2, the grease composition sealed in the sliding constant velocity joint; and

balls as rolling elements.

6. A sliding constant velocity joint comprising:

the grease composition for constant velocity joints according to claim 1 or 2, the grease composition sealed in the sliding constant velocity joint; and

rollers as rolling elements.

Claims

1. A grease composition for constant velocity joints comprising:

a lubricating base oil;

at least one thickener selected from urea-based thickeners, urethane-based thickeners and urea/urethane-based thickeners;

an organomolybdenum;

a zinc dithiophosphate;

a polysulfide; and

a triglyceride,

wherein a content of the organomolybdenum is 1000-4000 ppm by mass in terms of molybdenum element, a content of the zinc dithiophosphate is 0.2-2% by mass, a content of the polysulfide is 0.1-2% by mass, a content of the triglyceride is 0.2-10% by mass, and a total content of the organomolybdenum, the zinc dithiophosphate and the polysulfide is 1-4% by mass, based on a total amount of the grease composition.

2. The grease composition for constant velocity joints according to claim 1, wherein the triglyceride is a triester of glycerol and a fatty acid having 8-24 carbon atoms.

3. The grease composition for constant velocity joints according to claim 1 or 2, wherein the composition is used for lubricating fixed or sliding constant velocity joints applied to drive shafts for automobiles.

4. A fixed constant velocity joint comprising:

the grease composition for constant velocity joints according to claim 1 or 2, the grease composition sealed in the fixed constant velocity joint; and

balls as rolling elements.

5. A sliding constant velocity joint comprising:

the grease composition for constant velocity joints according to claim 1 or 2, the grease composition sealed in the sliding constant velocity joint; and

balls as rolling elements.

6. A sliding constant velocity joint comprising:

the grease composition for constant velocity joints according to claim 1 or 2, the grease composition sealed in the sliding constant velocity joint; and

rollers as rolling elements.